

# MOUSER ELECTRONICS®

DISTRIBUTOR OF QUALITY ELECTRONIC COMPONENTS SINCE 1964

PURCHASING  
MANUAL

557

FEB • MAY '88

PRICES GUARANTEED UNTIL MAY 31, 1988

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LOW  
LEAKAGE  
CAPACITORS

AUGAT



FREE SUBSCRIPTION  
1-800-992-9943  
IN TEXAS: 1-800-346-6873

AXIAL  
TANTALUM  
CAPACITORS



NEC



SURFACE  
MOUNT  
TRIMMERS

SSS

NATIONWIDE ORDERING: 1-800-34-MOUSER

(1-800-346-6873)

CALIFORNIA  
DISTRIBUTION CENTER  
(619) 449-2222  
FAX: (619) 449-6041



TEXAS  
DISTRIBUTION CENTER  
(817) 483-4422  
FAX: (817) 483-0931

We  
Stock



# IT'S EASY TO ORDER FROM **MOUSER ELECTRONICS®**



## CALIFORNIA

### BY TELEPHONE:

MONDAY-FRIDAY: 7:00 AM-5:30 PM  
PACIFIC TIME

**(619) 449-2222**

FAX: (619) 449-6041

TLX/TWX: (910) 331-1175

## TEXAS

### BY TELEPHONE:

MONDAY-FRIDAY: 7:00 AM-5:30 PM  
CENTRAL TIME

**(817) 483-4422**

FAX: (817) 483-0931

TLX/TWX: (510) 601-0375

## MAIL ORDERS

USE YOUR PURCHASE ORDER OR  
OUR ORDER FORM AVAILABLE IN  
THIS CATALOG AND FORWARD TO:

**MOUSER ELECTRONICS**  
2401 HWY 287 NORTH  
MANSFIELD, TX 76063

## AFTER HOURS

AFTER HOURS, PLEASE SEND A FAX OR  
TELEX. FOR YOUR CONVENIENCE, OUR  
PHONE LINES ARE ALSO OPEN TO  
ACCEPT YOUR CALLS AND MESSAGES.



MOUSER \* SHIPS.....QUICK!

**ORDERS RECEIVED BY 2:00PM  
SHIP SAME DAY.**

## IMMEDIATE CREDIT!

All **businesses** listed in Dunn & Bradstreet *qualify for immediate credit!*

All **schools and government agencies** *qualify for immediate credit!*

All **businesses** with commercial checking accounts can *qualify for immediate credit of \$300. or more!*

A call to our Customer Accounts Department at (817) 483-0165 will normally allow us to open your account the *same day*.

If you prefer, complete the credit application in this catalog and return via mail or fax.

## PAYMENT METHODS

### OPEN ACCOUNT

It's easy, it's convenient and  
above all, we welcome the  
opportunity to establish an open  
account for your business,  
school, or agency.

### CREDIT CARDS

We accept:  
MasterCard  
Visa  
American Express  
Diners Club  
Discover  
Carte Blanche

### C.O.D.

Company checks are accepted.  
Personal checks are accepted  
up to \$100.00.

### CHECK w/ORDER

You may send a check or money  
order with your mail-in order.

Company and personal  
checks accepted.



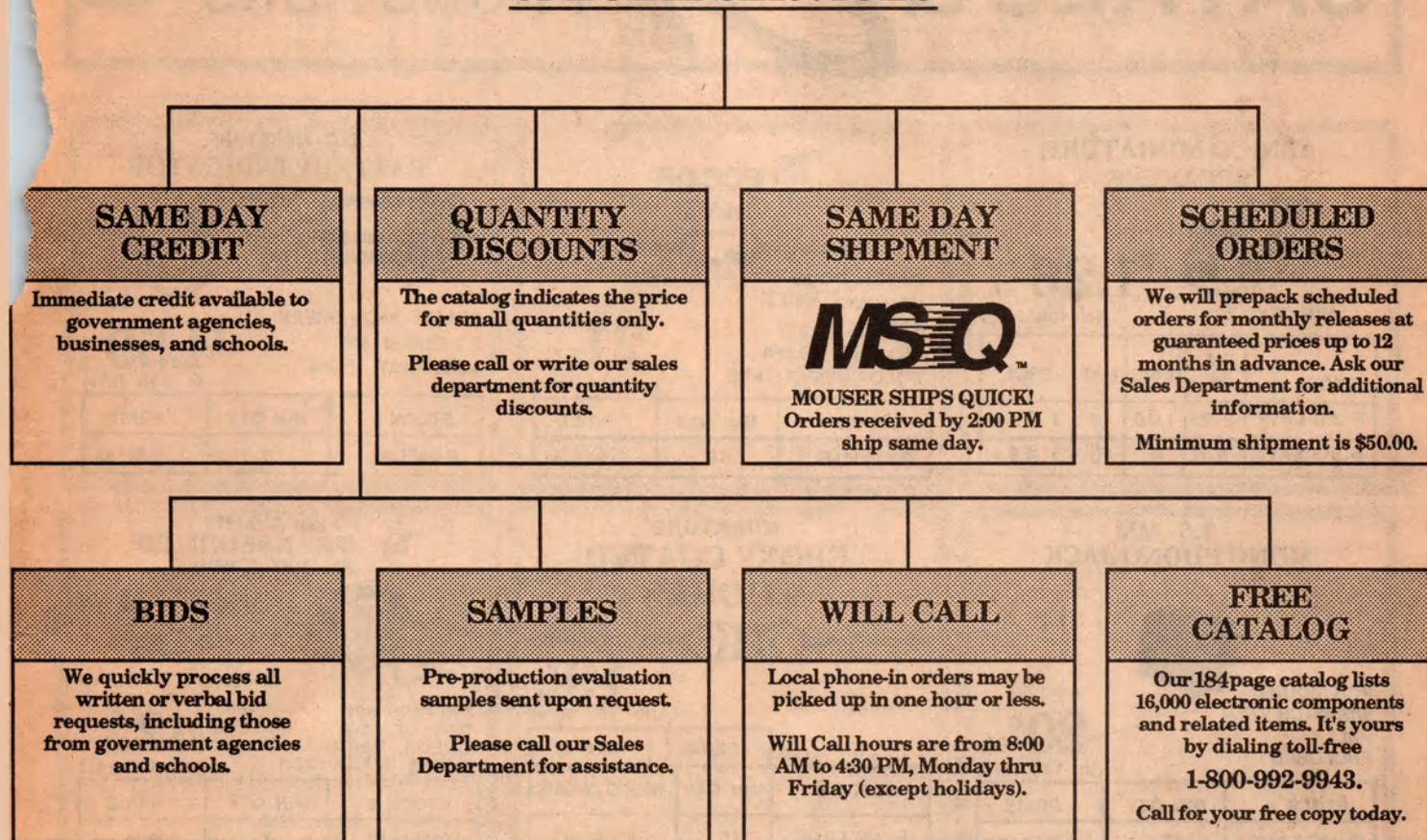
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# THE MOUSER Advantage

## SPECIAL SERVICES



## TERMS AND CONDITIONS OF SALE

### EXPORT ORDERS:

Payment must be in U.S. dollars only. Approved international credit cards, International draft, or letter of credit accepted. Minimum order is \$50.00 (Canada \$20.00).

### MINIMUM ORDERS:

\$20.00 in the U.S. or Canada. Orders less than \$20.00 require a \$5.00 handling fee. Minimum export order is \$50.00. Minimum scheduled order is \$50.00 per shipment.

### PRICES:

The prices in this catalog will not be increased for the period listed on the cover, unless necessitated due to an error on the part of MOUSER ELECTRONICS, our suppliers, or printer.

### SHIPPING CHARGES:

All orders are shipped FOB shipping point from distribution center with stock available. Shipping and insurance charges are added to the invoice amount.

### RETURNS:

No hassle returns can usually be authorized if requested within 90 days after the original shipping date. Please contact Customer Service for full details and authorization prior to making any returns.

### SPECIAL ITEMS:

We are unable to accept returns on cancellations of non-cataloged or special quantity orders.

### SHORTAGES:

Please call or write our Customer Service Department immediately. All claims must be made within 15 days of shipment.

### DAMAGED SHIPMENTS:

Shipments by UPS or PP; please contact our Customer Service Department immediately for service. Shipments by truck or air freight; we will replace the damaged merchandise, however, you must contact the carrier.

### BACKORDERS:

We stock what we catalog. However, from time to time, manufacturing delays and other factors deplete our inventory. If our inventory is depleted on an item, we will back-order it and ship each item as soon as it is available. If you would like us to cancel any back-order, please advise us at the time you place your order.

### SUBSTITUTIONS:

We reserve the right to substitute a higher quality (but identical part) at our option, unless you specify no substitution at the time your order is placed.



### NOTICE:

These items are being discontinued and have been reduced for quick sale. They will be available at the reduced prices as long as stock is available.

Items with this designation have been designed and tested to meet some or all of the mil specifications for this component.

Products sold by MOUSER ELECTRONICS are not for use in human implantable devices, or life-support systems. We are not responsible for typographical or printing errors in our catalog.



# MOUSER<sup>®</sup> CATALOG

# Special PROMOTIONS

## ALNICO MINIATURE SPEAKERS



**\$1.26** EA.

MIN QTY 2 (in 100 lots)

STOCK #	DIA IN	OHMS	WAT	PRICE
P-25FL017	2.25	100	.2	1.49 ea
P-25FL018	3.0	8	.5	1.49 ea

## TECCOR DIAC



CASE: DO-35  
VRO MIN: 27V  
VBO MAX: 37V  
IBO MIN: 100VA  
COLOR INDENT: RED

**21¢** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
P-519001FL	10	25¢ ea

## D.C. MINIATURE BATTERY INDICATOR



SCALE: RED - GREEN  
R  $\approx$  OHMS: 500  
ACCURACY:  $\pm 10\%$

**\$4.59** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
P-39FL001	1	5.51 ea

## 3.5 MM MONO PHONO JACK



PCB MOUNT  
W/SWITCH  
FULLY  
ENCLOSED

**20¢** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
P-16FL008	10	24¢ ea

## MINIATURE EPOXY COATED CHOKES

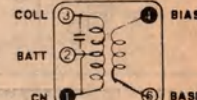
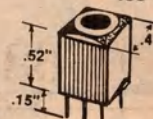


**19¢** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE	INDUCTANCE
P 43FL016	10	25¢ ea	1000UH
P-43FL017	10		1.0UH
P-43FL018	10		2.7UH
P-43FL019	10		82UH
P-43FL020	10		564UH

## HIGH QUALITY I.F. TRANSFORMER 455 KHZ (10MM)



PRI IMP: 30K  
SEC IMP: 500  
COLOR: WHITE  
TURNS RATIO: 22:1

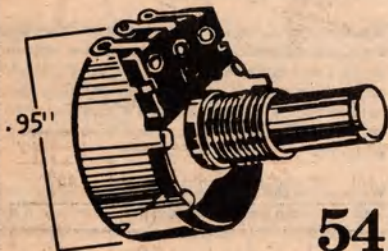
**42¢** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
P-42FL017	4	50¢ ea

## 1/2W 20% LINEAR TAPER POTENTIOMETERS

1/4" SHAFT DIA  
.325" SHAFT LENGTH

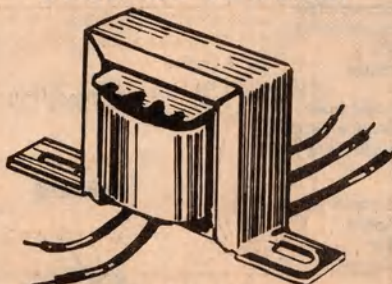


**54¢** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
		65¢ ea
STOCK #	MIN QTY	VALUE
P-31FL008	5	1K
P-31FL027	5	2.5K
P-31FL030	5	100K

## HEAVY DUTY POWER TRANSFORMER



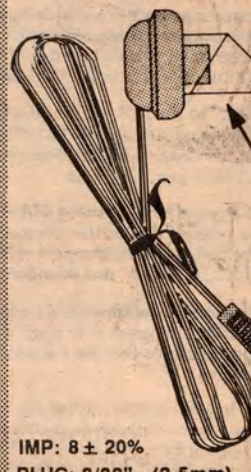
SECONDARY VOLTS: 24.CT  
SECONDARY AMPS: 1.0

**\$4.55** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
P-41FL022	1	5.45 ea

## DYNAMIC EARPHONE



**CURVED  
EARPIECE**

COMFORTABLE,  
STAYS IN EAR  
WITHOUT EAR  
SUPPORT.

IMP: 8  $\pm$  20%  
PLUG: 3/32" (2.5mm)  
COLOR: GREY

CORD LENGTH: 6 FT

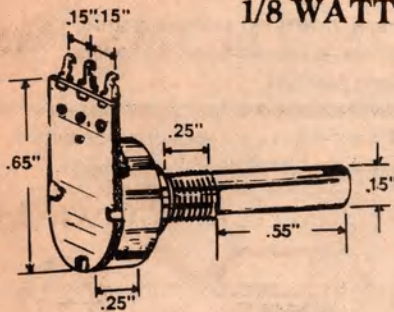
**51¢** EA.

(in 100 lots)

STOCK #	MIN QTY	PRICE
P-25FL012	5	61¢ ea



## 1/8 WATT LINEAR POTENTIOMETERS



• MICRO-MINIATURE • PC MOUNT

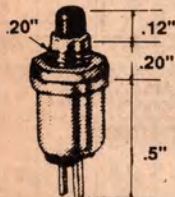
### SPECIFICATIONS:

- RESISTANCE ELEMENT: CARBON COMPOSITION
- RESISTANCE TOLERANCE: +20%
- WATTAGE RATING: 1/8 WATT
- ROTATION ANGLE: 230
- OPERATING TEMPERATURE: -10 TO +70C
- INSULATION RESISTANCE: 100M OHMS
- WITHSTANDING VOLTAGE: 500 VAC
- ROTATION LIFE: 5,000 CYCLES
- HARDWARE INCLUDED

**71¢** EA.  
(IN 100 LOTS)

STOCK #	VALUE OHMS	MIN QTY	PRICE
P-31FL031	10K	3	96¢ ea
P-31FL032	100K	3	96¢ ea
P-31FL033	500K	3	96¢ ea
P-31FL034	1 MEG	3	96¢ ea

## HI-REL MOMENTARY PUSHBUTTON SWITCH



CIRCUIT: OFF (ON)  
RATING: .5A 125V  
TYPE: SPST  
COLOR: BLACK

**68¢** EA  
(in 100 lots)

STOCK #	MIN QTY	PRICE
P-10FL021	3	82¢ ea

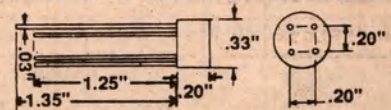
## NEC TANTALUM CAPACITOR



MIN QTY 10

STOCK #	VOLT	CAP	PRICE
P-551-001FL	35	2.2MFD	15¢ ea
P-551-002FL	25	22MFD	1.06 ea
P-551-003FL	35	22MFD	1.61 ea
P-551-004FL	10	220MFD	2.46 ea
P-551-005FL	25	1.5MFD	9.3¢ ea

## 1.5 AMP SILICON BRIDGE RECTIFIER



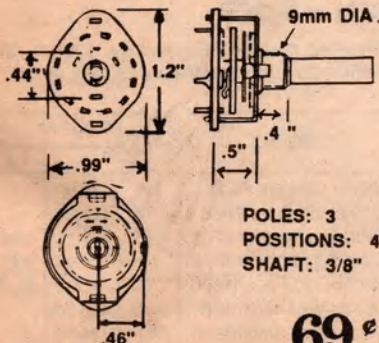
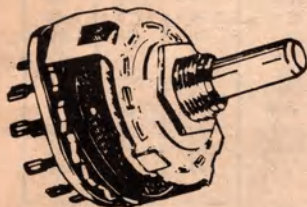
MAX DC REV CURRENT: 10VA (25°C)  
MAX DC REV CURRENT: 1mA (100°C)  
MAX OVERLOAD SURGE CURRENT: 50A  
PIV: 200  
RMS VOLTS: 140

**45¢** EA  
(in 100 lots)

STOCK #	MIN QTY	PRICE
P033FL011	4	49¢ ea

## ROTARY SWITCH

NON-SHORTING CONTACTS  
(BREAK BEFORE MAKE)

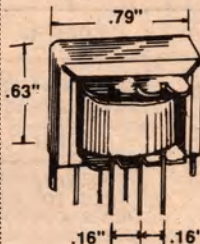


POLES: 3  
POSITIONS: 4  
SHAFT: 3/8"

**69¢** EA  
(in 100 lots)

STOCK #	MIN QTY	PRICE
P-10FL022	3	86¢ ea

## SUB-MINIATURE P.C. LEAD AUDIO TRANSFORMER

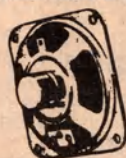


PRI IMP: 20KCT  
SEC IMP: 1KCT  
PRI RES: 600  
SEC RES: 100

**63¢** EA  
(in 100 lots)

STOCK #	MIN QTY	PRICE
P-42FL005	4	79¢ ea

## ALNICO MINIATURE SPEAKER



SQUARE  
FRAME

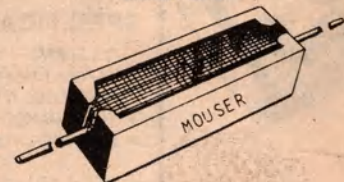
MIN ORDER 1

STOCK #	VOLT	VAL MFD	WATT	PRICE	
				1	100
P-25FL014	3.0	40	.5	1.89	1.31
P-25FL015	3.5	8	.8	1.99	1.59
P-25FL016	4.0	3.2	1.0	2.19	1.66

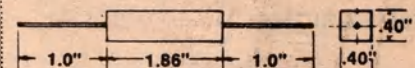
## CERAMIC WIREWOUND

10 WATT 10% POWER RESISTORS

CERAMIC FLAME RETARTANT PACKAGE  
AXIAL LEAD



DIMENSIONS (INCHES)



### TABLE OF VALUES

	25	150	750
.47	40	200	2.0K
0.5	47	250	3K
1.0	75	400	3.3K
4.0	125	500	

ALL VALUES ARE  
LISTED IN OHMS

**14¢** EA  
(in 100 lots)

STOCK #	MIN QTY	PRICE
P-28FL001-VALUE	10	25¢ ea



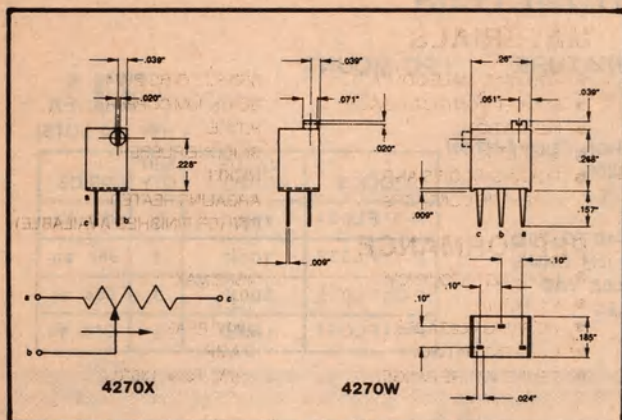
## MOUSER® INDUSTRIAL MULTITURN POTENTIOMETERS

## TYPE 4270 SERIES

THIS RANGE OF 7 MM SQUARE MULTITURN TRIMMING POTENTIOMETERS HAS BEEN DESIGNED FOR INDUSTRIAL AND PROFESSIONAL APPLICATIONS, WHERE SIZE AND RELIABILITY ARE MAJOR CONSIDERATIONS.

THE CERMET RESISTANCE ELEMENT GIVES EXCELLENT STABILITY. THE TRIMMER IS ACTUATED BY A LEAD SCREW WITH A SLIPPING CLUTCH AT EACH END OF TRAVEL. THE TYPE 4270 SERIES IS AVAILABLE WITH EITHER TOP OR SIDE ADJUSTMENT.

ALL UNITS ARE SEALED  
TO WITHSTAND IMMERSION  
IN NORMAL BOARD  
WASHING SOLVENTS.



## SPECIFICATIONS

- STD RESISTANCE TOLERANCE:  $\pm 10\%$
- SLIDER CURRENT: 50 MA MAX.
- POWER RATING: 0.25 AT 85°C DERATING TO ZERO AT 125°C
- ISOLATION VOLTAGE: 300 VDC OR AC PEAK, MAX.
- INPUT VOLTAGE: 300 VDC OR AC RMS., MAX.
- BREAKDOWN VOLTAGE: 420 VAC
- TEMPERATURE COEFFICIENT:  $\pm 100$  PPM/°C., MAX., (20°C TO 76°C).
- ELECTRICAL ADJUSTMENT: 13 TURNS NOMINAL

### CROSS REFERENCE CHART

MOUSER NO.	WESTON	BOURNS
ME323-4270W	860W	3262W
ME323-4270X	860X	3262X

## FEATURES

- CERMET ELEMENT
- LOW TEMPERATURE COEFFICIENT
- 0.25W RATING AT 85°C
- FLAME RETARDANT
- WITHSTANDING ALL RECOGNIZED P.C.B. WASHING SOLVENTS
- SPACE SAVING SIZE
- HIGH PERFORMANCE

STOCK NO.	PRICE EACH			
	1	10	100	500
ME323-4270W-1K	2.99	2.77	2.51	2.29
ME323-4270W-5K	2.99	2.77	2.51	2.29
ME323-4270W-10K	2.99	2.77	2.51	2.29
ME323-4270W-20K	2.99	2.77	2.51	2.29
ME323-4270W-50K	2.99	2.77	2.51	2.29
ME323-4270W-100K	2.99	2.77	2.51	2.29
ME323-4270X-1K	2.99	2.77	2.51	2.29
ME323-4270X-5K	2.99	2.77	2.51	2.29
ME323-4270X-10K	2.99	2.77	2.51	2.29
ME323-4270X-20K	2.99	2.77	2.51	2.29
ME323-4270X-50K	2.99	2.77	2.51	2.29
ME323-4270X-100K	2.99	2.77	2.51	2.29

## MOUSER® SURFACE MOUNTING CHIP POTENTIOMETER



THIS MINIATURE CHIP TRIMMER INCORPORATES THE LATEST TECHNOLOGICAL DEVELOPMENTS AND HAS BEEN RIGOROUSLY TESTED TO THE HIGHEST STANDARDS. SPECIAL ATTENTION AT THE DESIGN STAGE ENSURES THAT THIS COMPONENT MEETS SPECIFIC REQUIREMENTS OF HYBRIDS AND MODERN SURFACE MOUNTING BOARDS.

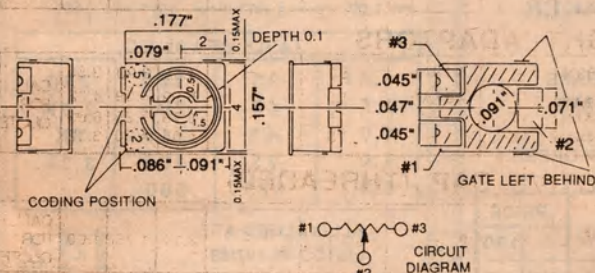
## SPECIFICATIONS

- TOLERANCE:  $\pm 25\%$
- TAPER: LINEAR
- WATTAGE: 0.1 (70°)
- TEMP. RANGE: -20° TO 85°C
- MAX OPER. VOLT.: 20VDC  
OR AC RMS
- MECH. ADJ.: 1 TURN 260°
- ROTATION TORQUE: 15-170  
GF-CM

**BULK PACKED (IN SMT TAPE)  
AVAILABLE FROM STOCK**

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME323-3204-500	500	.98	.76	.69	CALL FOR QUOTE
ME323-3204-1K	1K	.98	.76	.69	
ME323-3204-5K	5K	.98	.76	.69	
ME323-3204-10K	10K	.98	.76	.69	
ME323-3204-20K	20K	.98	.76	.69	
ME323-3204-50K	50K	.98	.76	.69	
ME323-3204-100K	100K	.98	.76	.69	
ME323-3204-200K	200K	.98	.76	.69	
ME323-3204-500K	500K	.98	.76	.69	
ME323-3204-1M	1MEG	.98	.76	.69	

## DIMENSIONS

**TAPE AND REEL - SPECIAL ORDER**

WE STOCK THESE ITEMS IN BULK, BUT THEY ARE AVAILABLE BELOW ON A "SPECIAL ORDER" BASIS. PLEASE ALLOW 90 TO 120 DAYS FOR DELIVERY. QUANTITY PER REEL IS 750.

## FEATURES

- CERMET ELEMENT
- SUITABLE FOR DIP OR WAVE SOLDERING
- COMPETITIVE PRICE REDUCES MANUFACTURING COSTS
- AVAILABLE FROM STOCK
- SMALL COMPACT SIZE (4MM SQUARE)

STOCK NO.	VALUE	PRICE EA REEL	
		1	5
ME323-3204-500/REEL	500	425.00	
ME323-3204-1K/REEL	1.0K	425.00	
ME323-3204-5K/REEL	5.0K	425.00	CALL
ME323-3204-10K/REEL	10K	425.00	FOR
ME323-3204-20K/REEL	20K	425.00	QUOTE
ME323-3204-100K/REEL	100K	425.00	
ME323-3204-500K/REEL	500K	425.00	
ME323-3204-1.0M/REEL	1.0M	425.00	

## NEW PRODUCTS



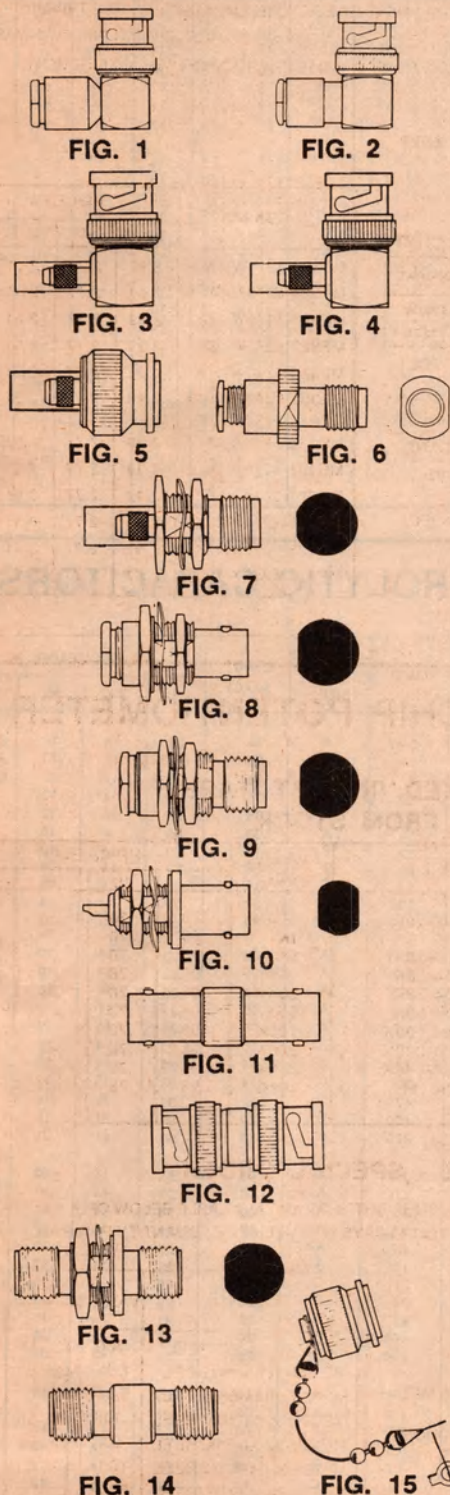
# NEW PRODUCTS

## MOUSER® COAXIAL CONNECTORS BNC - TNC

THE MOUSER BNC BAYONET CAP COAXIAL CONNECTORS ARE DESIGNED TO CONFORM TO U.S. MILITARY SPECIFICATION MIL-C-39012.



MIL-C-39012



### MATERIALS

- BODY AND MALE CONTACT: BRASS TO BS 2874
- SOCKET CONTACT-FEMALE: BERYLLIUM COPPER
- INSULATION: P.T.F.E.
- GASKETS: SILICONE RUBBER
- PLATING-BODIES AND CENTRE CONTACTS: NICKEL
- ARGALIN TREATED (OTHER FINISHES AVAILABLE)

### PERFORMANCE

- WORKING FREQUENCY: 4GHZ MAX.
- V.S.W.R. 1.3:1
- WORKING VOLTAGE: 500V PEAK
- CURRENT RATING: 1 AMP
- TEMPERATURE RANGE: -55°C TO + 155°C

### ELBOW PLUGS

STOCK NO.	FIG.	UG #	OHMS	CABLE (RG)	PRICE EACH			
					1	25	100	250
ME164-93061N	1	913/u	50	-	6.86	5.72	5.20	CALL FOR QUOTE
ME174-93064N	2	913A/u	75	-	6.79	5.66	5.14	
ME174-93773N	3	-	75	-	6.32	5.26	4.79	
ME164-93738N	4	-	50	RG58	6.32	5.26	4.79	

### STRAIGHT PLUGS

ME164-93801N	5	-	50	58,303	3.23	2.69	2.45	CALL FOR QUOTE
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### STRAIGHT JACKS

ME164-93630N	6	UG261	75	59,621	5.95	4.96	4.51	CALL FOR QUOTE
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### BULKHEAD JACK

ME164-93887N	7	-	75	59,62	6.61	5.51	5.00	CALL FOR QUOTE
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### PRESSURIZED BULKHEAD JACK (BAYONET)

ME164-93285N	8	-	75	59,62	5.41	4.51	4.10	CALL FOR QUOTE
--------------	---	---	----	-------	------	------	------	----------------

### PRESSURIZED BULKHEAD JACK (THREADED)

ME164-93644N	9	-	75	59,62	6.61	5.51	5.00	CALL FOR QUOTE
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### BULKHEAD RECEPTACLES

ME164-93519N	10	-	50	-	4.76	3.96	3.60	CALL FOR QUOTE
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### STRAIGHT ADAPTORS

ME164-93083N	11	914/u	50	-	4.68	3.90	3.55	CALL FOR QUOTE
ME164-93085N	12	491A/u	50	-	5.99	4.99	4.62	
ME164-93541N	13	-	75	-	8.75	7.29	6.63	
ME164-93544N	14	-	75	-	5.05	4.20	3.82	

### PROTECTIVE CAP (THREADED)

ME164-93556N	15	-	50/75	-	2.11	1.75	1.60	CALL FOR QUOTE
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# NEW PRODUCTS





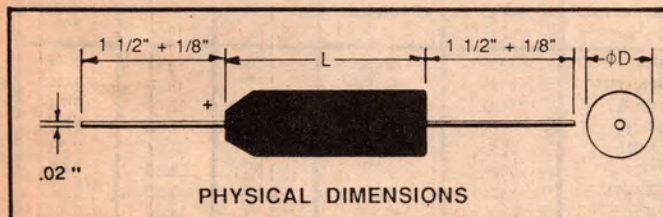


# NEW PRODUCTS

## NEC TANTALUM CAPACITORS

### A-SERIES SUBMINIATURE MOLDED AXIAL SOLID TANTALUM CAPACITORS

10% TOLERANCE



#### PERFORMANCE CHARACTERISTICS:

- **OPERATING TEMPERATURE RANGE:**  
-55 TO +85°C WITH NO VOLTAGE DERATING  
+85 TO +125°C PROPER DERATING TO 2/3 WORKING VOLTAGE
- **DC WORKING VOLTAGE:**  
-10V TO 50V
- **CAPACITANCE (AT 25°C, 120Hz):**  
RANGE: 0.1 TO 68 μF  
TOLERANCE: ±10%
- **CAPACITANCE CHANGE WITH TEMPERATURE:**  
LESS THAN -10% AT -55°C, +10% AT +85°C AND +12% AT +125°C
- **DISSIPATION FACTOR (AT 25°C, 120Hz):**  
0.1-1.0 μF - LESS THAN 3%  
1.2-5.6 μF - LESS THAN 4%  
6.8-68 μF - LESS THAN 6%
- **DC LEAKAGE CURRENT (AT 25°C):**  
0.01CV; A OR 0.5 μA, WHICHEVER IS GREATER
- **MOISTURE RESISTANCE (MIL-STD-202, METHOD 106):**  
(90-98% RH, +25°C, +65°C, 6 STEP, 10 CYCLES)  
CAPACITANCE CHANGE - 5%  
DISSIPATION FACTOR - INITIAL REQUIREMENTS  
DC LEAKAGE CURRENT - INITIAL REQUIREMENTS
- **LOAD LIFE (AT 85°C, DDC WV, 2000H):**  
CAPACITANCE CHANGE - ±10%  
DISSIPATION FACTOR - INITIAL REQUIREMENTS  
DC LEAKAGE CURRENT - INITIAL REQUIREMENTS

#### CROSS REFERENCE

DESCRIPTION	NEC	KEMET	SPRAGUE	ITT	MEPCO	MALLORY
MOLDED AXIALS	A-SERIES (NA)	T322 T310	162D 173D	TAR	40CS 40ES	TAC

MOUSER PART NO.	VALUE MFD	CASE SIZE DXL(IN)	PRICE EACH			
			1	100	500	1000
10 VOLTS D.C.						
551-NAA104K50M	0.1	.095 X .26	.50	.29	.27	CALL FOR QUOTE
551-NAA224K50M	0.22	.095 X .26	.50	.29	.27	
551-NAA 474K35M	0.47	.095 X .26	.35	.20	.19	
551-NAA824K25M	0.82	.095 X .26	.34	.20	.19	CALL FOR QUOTE
551-NAB105K50M	1.0	.11 X .29	.57	.33	.31	
551-NAB155K35M	1.5	.11 X .29	.41	.24	.22	
551-NAC225K50M	2.2	.18 X .345	.84	.49	.46	CALL FOR QUOTE
551-NAB475K15M	4.7	.11 X .29	.42	.24	.23	
551-NAB685K15M	6.8	.11 X .29	.42	.24	.23	
551-NAB106K10M	10	.11 X .29	.42	.24	.23	CALL FOR QUOTE
551-NAC156K15M	15	.18 X .345	.62	.36	.34	
551-NAD226K15M	22	.18 X .42	.99	.57	.54	
551-NAD336K15M	33	.18 X .42	.99	.57	.54	CALL FOR QUOTE
551-NAD476K10M	47	.18 X .42	.99	.57	.54	
15 VOLTS D.C.						
551-NAA104K50M	0.1	.095 X .26	.50	.29	.27	CALL FOR QUOTE
551-NAA224K50M	0.22	.095 X .26	.50	.29	.27	
551-NAA474K35M	0.47	.095 X .26	.35	.20	.19	
551-NAA824K25M	0.82	.095 X .26	.34	.20	.19	CALL FOR QUOTE
551-NAB105K50M	1.0	.11 X .29	.57	.33	.31	
551-NAB155K35M	1.5	.11 X .29	.41	.24	.22	
551-NAC225K50M	2.2	.18 X .345	.84	.49	.46	CALL FOR QUOTE
551-NAB475K15M	4.7	.11 X .29	.42	.24	.23	
551-NAB685K15M	6.8	.11 X .29	.42	.24	.23	
551-NAC106K25M	10	.18 X .345	.62	.36	.34	CALL FOR QUOTE
551-NAC156K15M	15	.18 X .345	.62	.36	.34	
551-NAD226K15M	22	.18 X .42	.99	.57	.54	
551-NAD336K15M	33	.18 X .42	.99	.57	.54	CALL FOR QUOTE
25 VOLTS D.C.						
551-NAA104K50M	0.1	.095 X .26	.50	.29	.27	CALL FOR QUOTE
551-NAA224K50M	0.22	.095 X .26	.50	.29	.27	
551-NAA474K35M	0.47	.095 X .26	.35	.20	.19	
551-NAA824K25M	0.82	.095 X .26	.34	.20	.19	CALL FOR QUOTE
551-NAB105K50M	1.0	.11 X .29	.57	.33	.31	
551-NAB155K35M	1.5	.11 X .29	.41	.24	.22	
551-NAC225K50M	2.2	.18 X .345	.84	.49	.46	CALL FOR QUOTE
551-NAD475K50M	4.7	.18 X .42	1.05	.61	.35	
551-NAC685K25M	6.8	.18 X .345	.62	.36	.34	
551-NAC106K25M	10	.18 X .345	.62	.36	.34	CALL FOR QUOTE
35 VOLTS D.C.						
551-NAA104K50M	0.1	.095 X .26	.50	.29	.27	CALL FOR QUOTE
551-NAA224K50M	0.22	.095 X .26	.50	.29	.27	
551-NAA474K35M	0.47	.095 X .26	.35	.20	.19	
551-NAB105K50M	1.0	.11 X .29	.57	.33	.31	CALL FOR QUOTE
551-NAB155K35M	1.5	.11 X .29	.41	.24	.22	
551-NAC225K50M	2.2	.18 X .345	.84	.49	.46	
551-NAD475K50M	4.7	.18 X .42	1.05	.61	.35	CALL FOR QUOTE
551-NAC685K35M	6.8	.18 X .42	.74	.43	.40	
551-NAD106K35M	10	.18 X .42	.99	.57	.54	
50 VOLTS D.C.						
551-NAA104K50M	0.1	.095 X .28	.50	.29	.27	CALL FOR QUOTE
551-NAA224K50M	.22	.095 X .26	.50	.29	.27	
551-NAB105K50M	1.0	.11 X .29	.57	.33	.31	
551-NAC225K50M	2.2	.18 X .345	.84	.49	.46	CALL FOR QUOTE
551-NAD475K50M	4.7	.18 X .42	1.05	.61	.35	

# NEW PRODUCTS



# NEW PRODUCTS

## NEC PHOTO COUPLERS

NEC ELECTRONICS OFFERS A BROAD LINE OF OPTOELECTRONIC PRODUCTS IN THE NEPOC SERIES, GIVING THE DESIGNER FLEXIBILITY AND THE LATEST IN SEMICONDUCTOR TECHNOLOGY.

NEC HAS MAINTAINED TECHNOLOGICAL LEADERSHIP IN ALL FACETS OF OPTOELECTRONICS, INCLUDING PHOTO INTERRUPTERS AND PHOTO COUPLERS.

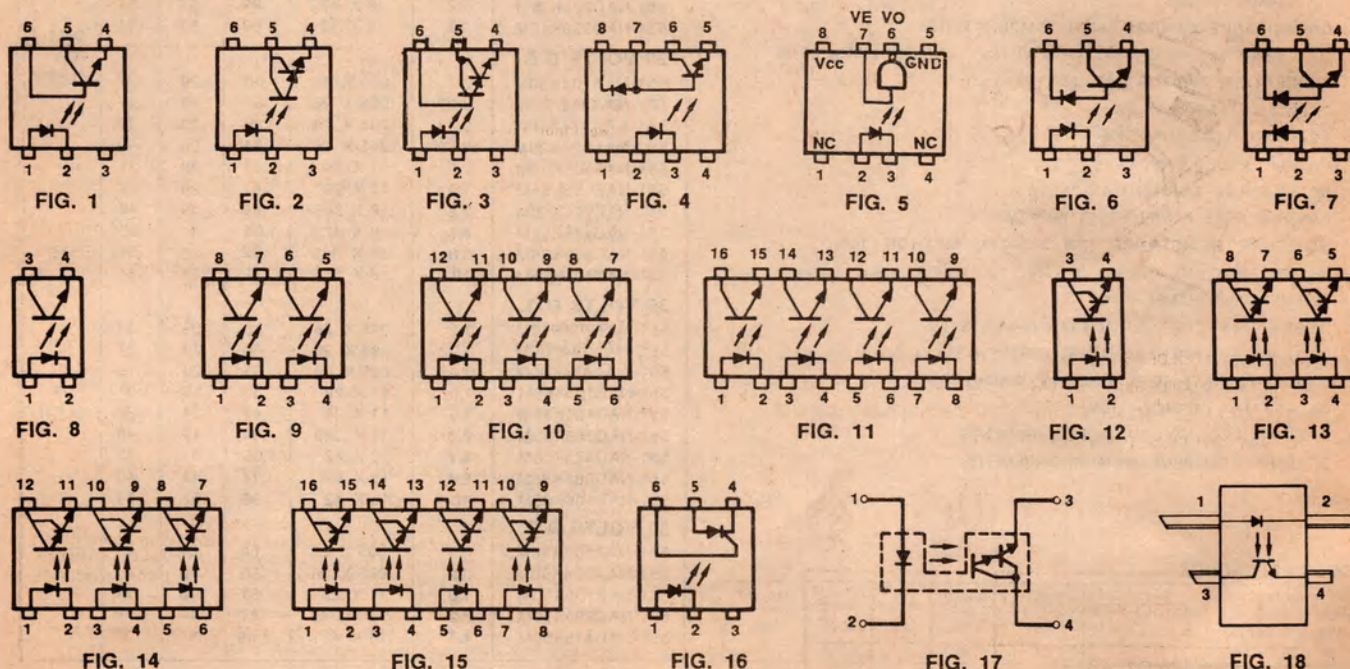
THESE DEVICES ARE DESIGNED TO COVER INDUSTRIAL COMMUNICATION, INSTRUMENTATION, AND CONSUMER APPLICATIONS WITH NEC'S HIGH QUALITY AND RELIABILITY.

WHEN IT COMES TO QUALITY AND RELIABILITY, NEC IS TOTALLY COMMITTED. OUR "ZERO DEFECTS" GOAL IS WOVEN INTO THE VERY FABRIC OF THE COMPANY.

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

INDUSTRY PART NO.	NEC PART NO.	MOUSER PART NO.	FIG. NO.	DESCRIPTION	TRANS RATIO %	PACKAGE	PRICE EACH		
							1	100	500
MCT2	MCT2	551-MCT2	1	OPTO-COUPLER NPN	20	DIP 6	0.56	0.50	0.46
	PS2002B	551-PS2002	2	OPTO-COUPLER NPN DARL	100	DIP 6	0.88	0.79	0.74
	PS2004B	551-PS2004	3	HI-CURRENT NPN DARL	1300	DIP 6	0.88	0.79	0.74
6N135	PS2005B	551-PS2005B	1	HI-IMPACT CUR NPN	10	DIP 6	2.20	1.98	1.80
	PS2006B	551-PS2006	4	HI-SPEED 300NS. NPN	22	DIP 8	2.60	2.34	2.21
	PS2007B	551-PS2007	5	HI-SPEED 50NS. TTL	600	DIP 8	3.60	3.25	3.06
6N137	PS2010	551-PS2010	1	GP OPTO-COUPLER NPN	20	DIP 6	0.56	0.50	0.47
4N25	PS2021	551-PS2021	1	HI-V ISOLATION NPN	50	DIP 6	0.54	0.48	0.44
ILA30	PS2022	551-PS2022	3	HI-V ISOLATION DARL	200	DIP 6	0.64	0.57	0.52
	PS2041	551-PS2041	6	HI-SPEED NPN	22	DIP 6	1.90	1.71	1.56
	PS2042	551-PS2042	7	HI-SPEED NPN	22	DIP 6	1.90	1.71	1.56
	PS2401A-1	551-PS2401A-1	8	SINGLE HI-V NPN	300	DIP 4	0.72	0.64	0.58
	PS2401A-2	551-PS2401A-2	9	DUAL HI-V NPN	300	DIP 8	0.96	0.86	0.78
	PS2401A-3	551-PS2401A-3	10	TRIPLE HI-V NPN	300	DIP 12	1.50	1.35	1.23
	PS2401A-4	551-PS2401A-4	11	QUAD HI-V NPN	300	DIP 16	1.90	1.71	1.56
	PS2501-1	551-PS2501-1	8	SINGLE NPN	300	DIP 4	0.70	0.63	0.57
	PS2501-2	551-PS2501-2	9	DUAL NPN	300	DIP 8	1.40	1.26	1.15
	PS2501-3	551-PS2501-3	10	TRIPLE NPN	300	DIP 12	2.08	1.87	1.70
	PS2501-4	551-PS2501-4	11	QUAD NPN	300	DIP 16	2.76	2.48	2.26
	PS2502-1	551-PS2502-1	12	SINGLE DARL NPN	200	DIP 4	0.60	0.54	0.49
	PS2502-2	551-PS2502-2	13	DUAL DARL NPN	200	DIP 8	1.20	1.08	0.98
	PS2502-3	551-PS2502-3	14	TRIPLE DARL NPN	200	DIP 12	1.80	1.62	1.47
	PS2502-4	551-PS2502-4	15	QUAD DARL NPN	200	DIP 16	2.40	2.16	1.97
HIIC3	PS3001	551-PS3001	16	SCR PHOTO COUPLER	-	DIP 6	0.82	0.73	0.69
HIIC4	PS3002	551-PS3002	16	SCR PHOTO COUPLER	-	DIP 6	0.90	0.81	0.76
H21A1	PS4001	551-PS4001	17	PHOTO INTERRUPTER	20	-	1.50	1.35	1.27
	PS6001A	551-PS6001A	18	REFLECTIVE SENSOR	-	-	2.50	2.25	2.05

### PHOTO COUPLERS SCHEMATIC



# NEW PRODUCTS



# NEW PRODUCTS

## AUGAT ECONOMY 500 SERIES

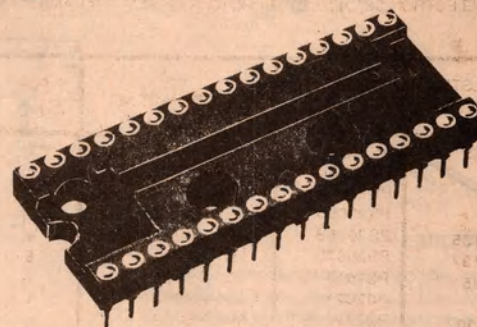
### STAMPED AND ROLLED CONTACT DIP SOCKETS

#### PC MOUNT

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
506-508AG11D-ES	8	.3 X .1	.67	.60	.58	CALL FOR QUOTE
506-514AG11D-ES	14	.3 X .1	.73	.68	.66	
506-516AG11D-ES	16	.3 X .1	.83	.78	.75	
506-518AG11D-ES	18	.3 X .1	.93	.87	.85	
506-520AG11D-ES	20	.3 X .1	1.04	.97	.94	
506-522AG11D-ES	22	.4 X .1	1.04	.97	.94	
506-524AG11D-ES	24	.6 X .1	1.24	1.17	1.13	
506-528AG11D-ES	28	.6 X .1	1.45	1.36	1.31	
506-540AG11D-ES	40	.6 X .1	2.07	1.94	1.88	

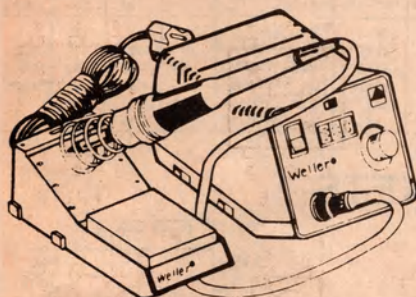
#### WIRE WRAP

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
506-508AG11F-ES	8	.3 X .1	.80	.75	.73	CALL FOR QUOTE
506-514AG11F-ES	14	.3 X .1	.91	.85	.82	
506-516AG11F-ES	16	.3 X .1	1.04	.97	.94	
506-518AG11F-ES	18	.3 X .1	1.16	1.09	1.06	
506-520AG11F-ES	20	.3 X .1	1.30	1.22	1.17	
506-522AG11F-ES	22	.4 X .1	1.53	1.43	1.39	
506-524AG11F-ES	24	.6 X .1	1.56	1.46	1.41	
506-528AG11F-ES	28	.6 X .1	1.81	1.70	1.64	
506-540AG11F-ES	40	.6 X .1	2.59	2.43	2.35	



ECONOMY SERIES DIP IC SOCKETS WITH STAMPED AND ROLLED CONTACTS. CONTACTS HAVE COINED ENTRY ENSURING PROPER TARGETING FOR AUTOMATIC AND MANUAL IC LOADING. SOCKETS ALSO FEATURE FOUR-FINGERED BERYLLIUM COPPER INNER CONTACTS AND ARE XY STACKABLE FOR OPTIMUM USE OF PCB REAL ESTATE.

## Weller ELECTRONIC SOLDERING STATION



THE NEW 578-EC2001 SOLDER STATION OFFERS THE ULTIMATE IN CONTROLLED TEMPERATURE HAND SOLDERING. TIP TEMPERATURE IS ELECTRONICALLY CONTROLLED FROM 350°F TO 850°F  $\pm 10^\circ\text{F}$ . A THREE DIGIT LED READOUT DISPLAYS TEMPERATURE SETTING AND TIP TEMPERATURE.



STOCK NO.	DESCRIPTION	PRICE EACH		
		1	10	20 UP
578-EC2001	ELECTRONIC SOLDER STATION W/LED READOUT	212.05	198.80	CALL FOR QUOTE

#### SPECIFICATIONS:

##### POWER UNIT EC1002C/2002C

- Power input: 120 VAC  $\pm 10\%$ , 60Hz, 60 watts. (240 VAC\*, 50/60 Hz.)
- Power unit output voltage: isolated 24 VAC, full load.
- Size: 4-1/2" x 5-7/8" x 3-5/8"
- Not including tool holder and soldering tool.
- Line cord: 3 wire.
- Tip temperature control range: 350°F (177°C) to 850°F (454°C).
- Control setting resolution: EC1001 10°F (5°C)  
EC2001 1°F (1°C)
- Control accuracy:  $\pm 10^\circ\text{F}$  ( $\pm 6^\circ\text{C}$ ) of setting at idling temperature.  
No load—30 minute power unit warm-up.  
60°F (15°C) to 110°F (43°C) ambient
- Temperature read out accuracy EC2001:  $\pm 10^\circ\text{F}$  (6°C)  $\pm 1$  digit.  
Temperature readout type: 30" LED - 7 segment - 3 digit.
- Temperature readout resolution EC2001: 1°F (1°C)  
EC1001: None
- On-Off switch with indicator light. (No indicator light on EC2001.)
- Case: Flame retardant thermoplastic 94V-0, U.L. approved.

##### SOLDERING TOOL—EC1201P

- Wattage—42 watts at 24 VAC.
- Tip voltage to ground: Less than 2 mv. RMS from heater barrel to line cord ground pin.
- Tool weight—2.0 ounces (without cord).
- Tool material—Thermoplastic handle and stainless steel.
- Heater Type: Fiberglass and ceramic insulated nickel-chromium element.  
Reverse wound for low leakage and magnetic field cancellation.  
Encased in stainless steel. Modular three pin plug-in type.
- Tip Type: Replaceable - long life. 14 styles available.
- Platinum R.T.D. (resistance temperature detector) probe.
- Handle design: Heat insulated two piece design for low grip temperature.
- Tool cord: Silicone rubber—burn resistant—4 feet long.
- Cord connector: Polarized 5 Pin locking design.
- Recovery time: (From 100°F drop with ETA tip at 700°F) = 10 sec.

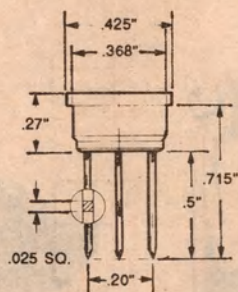
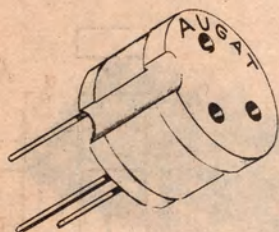
# NEW PRODUCTS



# NEW PRODUCTS

## AUGAT

## TRANSISTOR SOCKET LOW PROFILE TRANSISTOR AND I-C SOCKET



### FEATURES

- TEFLON SOCKET WITH BERYLLIUM COPPER CONTACTS
- TWO PIECE SOCKET TERMINAL - FOUR LEAF MACHINED INNER CONTACT AND MACHINED OUTER SLEEVE
- MIL-83502/1 AND MIL-83501/5

### PERFORMANCE CHARACTERISTICS

BULK CONTACT RESISTANCE: 20 milliohms max. per M83502/1  
 CURRENT RATING: 3 Amp DC, contact rating  
 OPERATING VOLTAGE: 500 VDC, at atmospheric pressure  
 DIELECTRIC WITHSTANDING VOLTAGE (DWV): 600V AC per Mil-Std-1344, Method 3001  
 INSULATION RESISTANCE: 2 x 10<sup>10</sup> megohms, Method 3003 of Mil-Std-1344  
 CAPACITANCE: 2 pico farads max. Method 305 of Mil-Std-202  
 OPERATING TEMPERATURE: -55°C to +125°C  
 CORROSIVE ATMOSPHERE: 30 milliohms, ammonium polysulfide  
 10 ppm per M83502/1 sec. 4.7.17  
 MOISTURE RESISTANCE: 30 milliohms max. Method 106 of Mil-Std-202  
 VIBRATION: 15G's, 10 to 2K cycles, Method 2005 of Mil-Std-1344  
 MECHANICAL SHOCK: 10G's, 1 to 9K cycles, Method 2004 of Mil-Std-1344  
 DURABILITY: 50 insertions and withdrawals, M83502/1, sec. 4.7.12  
 THERMAL SHOCK: Method 1005 of Mil-Std-1344  
 SOLDERABILITY: Method 208 of Mil-Std-202



STOCK NO.	NO. OF CONTACTS	CONTACT PLATING	SLEEVE PLATING	PRICE EACH			
				1	100	500	1000
506-8058-1G62	3	GOLD	GOLD	1.68	1.57	1.52	CALL FOR QUOTE

## AUGAT

## TRANSISTOR SOCKETS LOW PROFILE

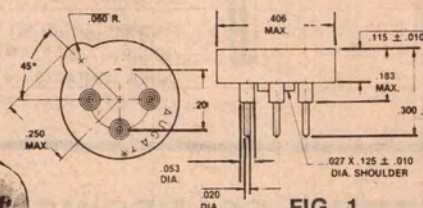
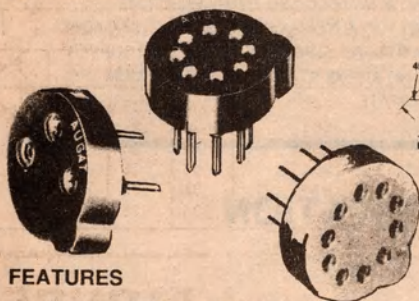


FIG. 1

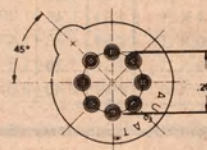


FIG. 2

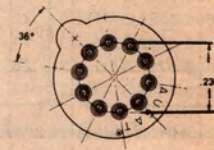


FIG. 3

### FEATURES

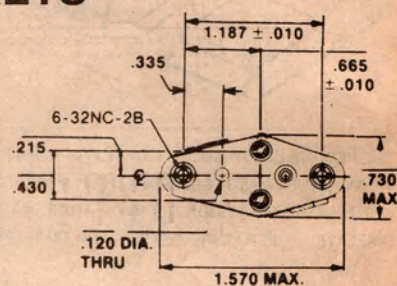
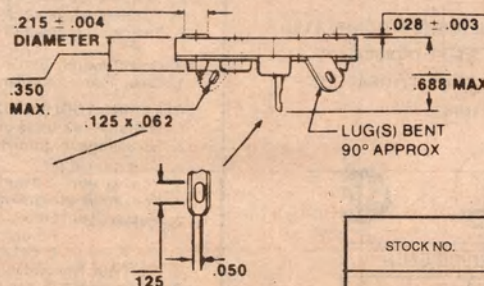
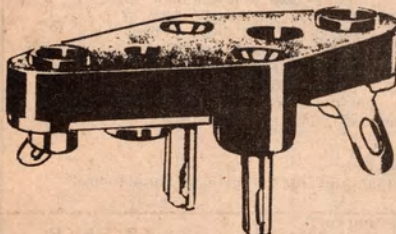
LOW PROFILE TRANSISTOR AND I-C SOCKETS. THESE TO-5 TRANSISTOR SOCKETS FULLY QUALIFIED TO MIL-83502/1 AND FEATURES A TWO PIECE SOCKET TERMINAL WITH FOUR LEAF MACHINED INNER CONTACTS.



STOCK NO.	FIG.	NO. OF CONTACTS	CONTACT PLATING	SLEEVE PLATING	COLOR	PRICE EACH			
						1	100	500	1000
506-M8059-2G1	1	3	GOLD	GOLD	RED	.86	.81	.78	CALL FOR QUOTE
506-M8059-2G2	1	3	GOLD	TIN	RED	.76	.69	.67	
506-M8059-2G5	2	8	GOLD	GOLD	GREEN	1.88	1.75	1.69	
506-M8059-2G6	2	8	GOLD	TIN	GREEN	1.69	1.59	1.53	
506-M8059-2G9	3	10	GOLD	GOLD	YELLOW	2.38	2.23	2.16	
506-M8059-2G10	3	10	GOLD	TIN	YELLOW	2.11	1.98	1.91	

## AUGAT

## TO-3 POWER TRANSISTOR SOCKETS



### FEATURES

- CONTACT RATING: 10 AMPS
- STAMPED CONTACTS
- CONTACTS ARE BERYLLIUM COPPER
- 6-32 NC-2B THREADS

STOCK NO.	CONTACT PLATING	INSULATOR	PRICE EACH			
			1	100	500	1000
506-8080-1G24	TIN	DIL PHTH*	.73	.69	.667	CALL FOR QUOTE
506-8080-1G25	GOLD	DIL PHTH	1.38	1.29	1.253	
506-8080-1G35	TIN	DIL PHTH	1.05	.99	.957	

\* DIALLYL PHTHALATE

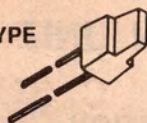
# NEW PRODUCTS



## NEW PRODUCTS

### RECTANGULAR TYPE

FIG. 1



## FEATURES

- DIFFUSED LENS
- TTL & DTL COMPATIBLE
- LOW POWER CONSUMPTION
- HI-QUALITY

# MOUSER LED'S

### RECTANGULAR TYPE

FIG. 2



### SQUARE TYPE

FIG. 3

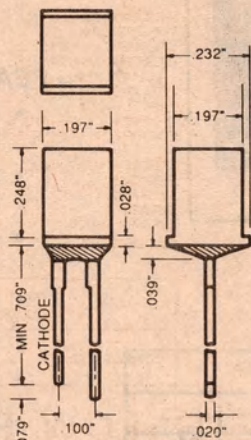


FIG. 3

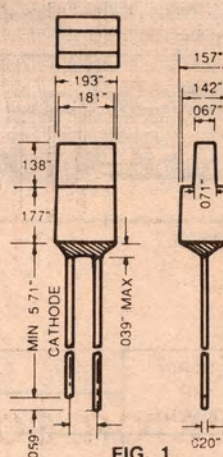


FIG. 1

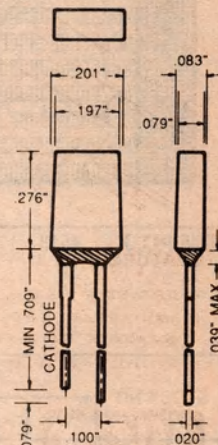


FIG. 2

STOCK NO.	FIG.	COLOR	DESCRIPTION	TYP. LUMINOUS INTENSITY @ 20 mA	POWER DISSIPATION	V FORWARD TYP. @ 10 mA	PEAK EMISSION WAVE LENGTH(nm) @ 20 mA	PRICE EACH			
								1	100	500	1000
ME351-6121	1	GREEN	RECTANGULAR	0.8 mcd	100mW	2.0V	565	.36	.25	.20	CALL FOR QUOTE
ME351-6131	1	YELLOW	RECTANGULAR	0.9 mcd	100mW	1.9V	585	.36	.25	.22	
ME351-6221	2	GREEN	RECTANGULAR	2.0 mcd	100mW	2.0V	565	.36	.25	.20	
ME351-6231	2	YELLOW	RECTANGULAR	1.6 mcd	100mW	1.9V	585	.36	.25	.22	
ME351-6821	3	GREEN	SQUARE	1.2 mcd	100mW	2.0V	565	.36	.25	.20	
ME351-6831	3	YELLOW	SQUARE	1.2 mcd	100mW	1.9V	585	.36	.25	.22	

## FEATURES

- LARGE, EASILY DEFINED SEGMENTS
- I C COMPATIBLE
- RUGGED CONSTRUCTION

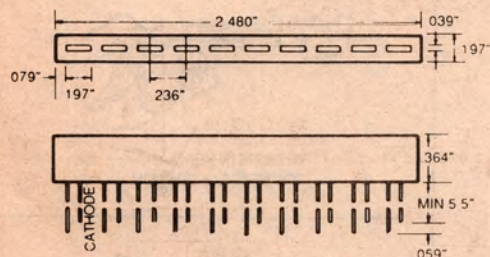


FIG. 1

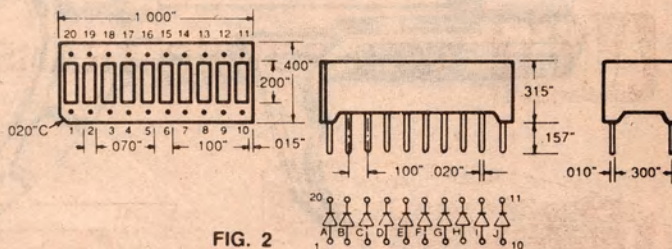


FIG. 2

STOCK NO.	FIG.	COLOR	DESCRIPTION	TYP. LUMINOUS INTENSITY @ 20 mA	POWER DISSIPATION	V FORWARD TYP. @ 10 mA	PEAK EMISSION WAVE LENGTH(nm) @ 20 mA	PRICE EACH			
								1	100	500	1000
ME351-2021	1	GREEN	10 UNIT ARRAY	1.1 mcd	100mW	2.0v	565	3.48	2.99	2.69	CALL FOR QUOTE
ME351-2031	1	YELLOW	10 UNIT ARRAY	1.3 mcd	100mW	1.9V	585	3.74	3.11	2.83	
ME351-2431	2	YELLOW	10 UNIT BAR GRAPH		100mW		585	3.69	2.99	2.69	

## NEW PRODUCTS

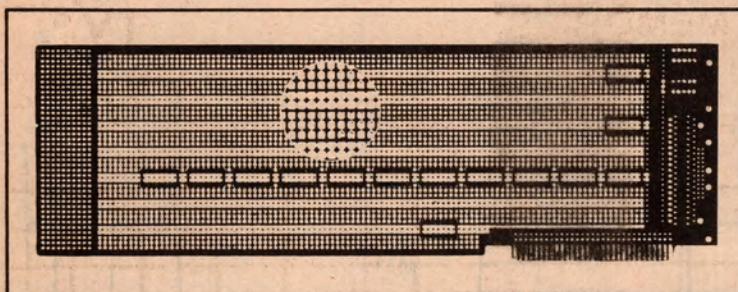


# NEW PRODUCTS



*Vector*

## PC AND XT EXPANSION UNIT



IBM PC, XT 4613 Same circuitry both sides

### DESCRIPTION:

3-HOLE SOLDER PADS AND BUSES (IBM PC & XT)

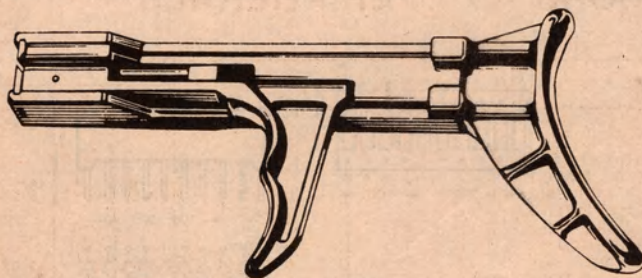
### FEATURES:

- EASY INTERCONNECTIONS TO 3-HOLE PADS WITH WIRE AND COMPONENT LEADS
- INTERPOSED POWER AND GROUND BUSES ON EACH SIDE
- BUSES ARE BACK-TO-BACK AND THROUGH CONNECTED
- PLATED-THRU HOLES
- ACCEPTS ANY WIDTH DIP IC DEVICE
- AREA WITH ISOLATED PADS ON 0.1" CENTERS FOR MOUNTING RELAYS HEAT SINKS, ETC.
- LAYOUT PLANNING SHEETS & INSTRUCTIONS INCLUDED

STOCK NO.	SIZE			16-PIN DIP CAPACITY	PRICE EACH			
	W	L	T		1	5	10	25
574-4613	4.20	13.23	1/16	44	46.43	43.53	42.08	CALL FOR QUOTE

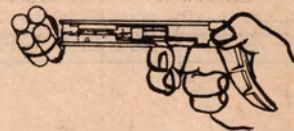
## ECONOMY CABLE TIE GUN

THIS CABLE TIE GUN IS CONSTRUCTED OF LIGHT WEIGHT BUT DURABLE PLASTIC AND ALLOWS USER CONTROL OF CABLE TIE TENSION. CABLE TIE IS CUT BY ROTATING THE TOOL 180°. TOOL MAY BE USED WITH CABLE TIES FEATURED IN THIS CATALOG.

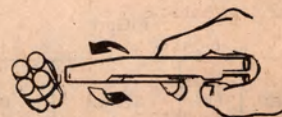


STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	25
524-472	ECONOMY CABLE TIE GUN	9.55	8.96	8.66	CALL FOR QUOTE

### TWO MOTIONS COMPLETE THE TYING:



1. WITH TIE IN HEAD - SQUEEZE TO TENSION.



2. RELEASE TRIGGER PRESSURE SLIGHTLY, TWIST 1/4 TURN - THEN SQUEEZE TRIGGER.

# NEW PRODUCTS



# NEW PRODUCTS

## NEC MEMORIES



NEC ELECTRONICS IS DEDICATED TO PRODUCING THE HIGHEST QUALITY ELECTRONIC COMPONENTS AT COMPETITIVE PRICES. IN ORDER TO GUARANTEE THIS HIGH LEVEL OF PRODUCT RELIABILITY, IT IS ESSENTIAL TO BUILD QUALITY INTO THE PRODUCT - AT EVERY PHASE OF OPERATION.

BUILDING QUALITY AND RELIABILITY INTO PRODUCTS IS THE MOST EFFICIENT WAY TO ENSURE PRODUCT EXCELLENCE. NEC'S ADOPTION OF QUALITY CONTROL FUNCTIONS AT EACH PROCESS STEP FORMS A CONSOLIDATED QUALITY CONTROL SYSTEM, WHICH GUARANTEES A SUPERIOR PRODUCT.

### EPROM

INDUSTRY PART NO.	NEC PART NO.	MOUSER PART NO.	DESCRIPTION	ACCESS TIME (ns)	PACKAGE	PRICE EACH			
						1	25	100	1000
2764-200	UPD2764D2	551-UPD2764-D2	8KX8 NMOS uV-EPROM	200	CER DIP28	8.59	8.06	7.79	CALL FOR QUOTE
2764-250	UPD2764D	551-UPD2764-D	8KX8 NMOS uV-EPROM	250	CER DIP 28	8.59	8.06	7.79	
27C64-250	UPD27C64D25	551-UPD27C64-D25	8KX8 CMOS uV-EPROM	250	CER DIP 28	6.93	6.50	6.28	
	UPD2764C	551-UPD2764C	8KX8 NMOS OTP EPROM	250	DIP 28	4.27	4.01	3.87	
	UPD27C64C25	551-UPD27C64-C25	8KX8 CMOS OTP EPROM	250	CER DIP 28	11.38	10.67	10.31	
	UPD27128C	551-UPD27128C	16KX8 NMOS OTP EPROM	250	DIP 28	5.63	5.28	5.10	
27256-250	UPD27256D	551-UPD27256D	32KX8 NMOS uV-EPROM	250	CER DIP 28	8.06	7.56	7.31	
27C256-200	UPD27C256D20	551-UPD27C256-D20	32KX8 CMOS uV-EPROM	200	CER DIP 28	11.23	10.53	10.18	
27C256-250	UPD27C256D25	551-UPD27C256-D25	32KX8 CMOS uV-EPROM	250	CER DIP 28	11.23	10.53	10.18	
	UPD27C256AD12	551-UPD27C256-AD12	32KX8 CMOS (12V) EPROM	120	CER DIP 28	11.23	10.53	10.18	
	UPD27C256AD20	551-UPD27C256-AD20	32KX8 CMOS (12V) EPROM	200	CER DIP 28	11.23	10.53	10.18	

OTP - ONE TIME PROGRAMMABLE

## NEC MICROPROCESSORS

INDUSTRY PART NO.	NEC PART NO.	MOUSER PART NO.	DESCRIPTION	ACCESS TIME (ns)	PACKAGE	PRICE EACH			
						1	10	50	100
<b>Z80 CPU CMOS 4 MHZ</b>									
Z80 CMOS	UPD70008C	551-UPD70008-C	Z80 CPU CMOS	4 MHZ	PLASTIC DIP 40	3.30	2.75	2.55	CALL FOR QUOTE
<b>Z80 CPU CMOS 6 MHZ</b>									
Z80 CMOS	UPD70008AC6	551-UPD70008-AC6	Z80 CPU CMOS	6 MHZ	PLASTIC DIP 40	3.60	3.00	2.80	
<b>Z80 CPU CMOS 8 MHZ</b>									
Z80 CMOS	UPD70008AC8	551-UPD70008-AC8	Z80 CPU CMOS	8 MHZ	PLASTIC DIP 40	4.50	3.75	3.48	

## NEC MICROPROCESSORS AND PERIPHERALS

FOR QUANTITIES OF 100 OR MORE CALL FOR QUOTE

INDUSTRY PART NO.	NEC NO.	MOUSER PART NO.	DESCRIPTION	MAX OPER FREQ	PACKAGE	PRICE EACH			
						1	10	50	100
8048	UPD8748HC	551-UPD8748H	HIGH SPEED, 8-BIT SINGLE-CHIP NMOS MICROCOMPUTER w/ 1024 x 8 ONE-TIME-PROGRAMMABLE ROM	11	DIP 40 PLASTIC	11.99	9.99	8.60	CALL FOR QUOTE
8749	UPD8749HC	551-UPD8749H	HIGH SPEED, 8-BIT SINGLE-CHIP NMOS MICROCOMPUTER w/ 2048 x 8 ONE-TIME-PROGRAMMABLE ROM	11	DIP 40 PLASTIC	13.99	11.70	9.99	
80C39	UPD80C39HC	551-UPD80C39H	HIGH SPEED, 8-BIT, SINGLE-CHIP CMOS MICROCOMPUTER	12	DIP 40 PLASTIC	5.60	4.70	3.99	
V20	UPD70108C-8	551-UPD70108C	8/16 HIGH-PERFORMANCE CMOS MICROPROCESSOR	8	DIP 40 PLASTIC	12.99	10.85	9.30	CALL FOR QUOTE
8237	UPD8237AC-5	551-UPD8237A	CMOS MICROPROCESSOR PROG DMA CONTROLLER	5	DIP 40 PLASTIC	11.99	9.99	8.60	
8253	UPD8253C-5	551-UPD8253C	PROG INTERVAL TIMER	4	DIP 24 PLASTIC	3.99	3.35	2.85	
8255	UPD8255AC-5	551-UPD8255A	PROG INPUT OUTPUT PERIPHERAL INTERFACE	4	DIP 40 PLASTIC	3.70	3.10	2.65	CALL FOR QUOTE
8259	UPD8259AC	551-UPD8259A	PROG INT CONTROLLER	4	DIP 28 PLASTIC	4.20	3.50	2.99	
8284	UPB8284AD	551-UPB8284A	CLOCK GENERATOR AND DRIVER	24	CER DIP 18	3.80	3.20	2.70	
UPD765	UPD765AC	551-UPD765A	SINGLE/DOUBLE DENSITY FLOPPY DISK CONTROLLER	8	DIP 40 PLASTIC	9.99	8.35	7.15	CALL FOR QUOTE
UPD7201	UPD7201AC	551-UPD7201A	MULTIPROTOCOL SERIAL COMM CONTROLLER	4	DIP 40 PLASTIC	15.99	13.35	11.45	
8254	UPD71054C	551-UPD71054C	PROG COUNTER/TIMER	8	DIP 24 PLASTIC	4.50	3.75	3.20	

# NEW PRODUCTS



# NEW PRODUCTS



## Microprocessors

FOR QUANTITIES OF 100 OR MORE CALL FOR QUOTE

### Z80 MICROPROCESSOR FAMILY

The Z80 Microprocessor Family is the world's leading eight-bit chip set. The family is composed of the central processing unit and five highly integrated peripheral devices, which include all of the circuitry necessary to build high-performance microcomputer systems with virtually no other logic and a minimum of low cost memory elements. Temperature range is 0°-70°C. Plastic case style.

100 OR MORE CALL FOR QUOTE

SGS NO.	MOUSER PART NO.	DESCRIPTION	PKG (DIP)	PRICE EACH		
				1	10	50
<b>Z80 - 2.5 MHz</b>						
Z8400B	511-Z8400B	CENTRAL PROCESSING UNIT	40	2.85	2.38	2.00
Z8410B	511-Z8410B	DIRECT MEMORY ACCESS	40	8.70	7.25	6.09
Z8420B	511-Z8420B	PERIPHERAL INPUT-OUTPUT	40	2.85	2.38	2.00
Z8430B	511-Z8430B	COUNTER TIMER CIRCUIT	28	2.85	2.38	2.00
Z8440B	511-Z8440B	SERIAL INPUT-OUTPUT DUAL	40	5.76	4.80	4.03
Z8442B	511-Z8442B	SERIAL INPUT-OUTPUT DUAL	40	5.76	4.80	4.03
Z8470B	511-Z8470B	DUAL ASYNC RECVR/TRNSMTR	40	5.91	4.93	4.14
<b>Z80 - 4 MHz</b>						
Z8400AB	511-Z8400AB	CENTRAL PROCESSING UNIT	40	2.91	2.43	2.04
Z8410AB	511-Z8410AB	DIRECT MEMORY ACCESS	40	9.30	7.75	6.51
Z8420AB	511-Z8420AB	PERIPHERAL INPUT-OUTPUT	40	2.91	2.43	2.04
Z8430AB	511-Z8430AB	COUNTER TIME CIRCUIT	28	2.91	2.43	2.04
Z8440AB	511-Z8440AB	SERIAL INPUT-OUTPUT DUAL	40	5.91	4.93	4.14
Z8441AB	511-Z8441AB	SERIAL INPUT-OUTPUT DUAL	40	5.91	4.93	4.14
Z8442AB	511-Z8442AB	SERIAL INPUT-OUTPUT DUAL	40	5.91	4.93	4.14
Z8470AB	511-Z8470AB	DUAL ASYNC RECVR/TRNSMTR	40	5.75	4.80	4.03
<b>Z80A (CMOS) - 4 MHz</b>						
Z84C20AB	511-Z84C20AB	CMOS PARA INPUT/OUTPUT	40	7.80	6.50	5.46
Z84C40AB	511-Z84C40AB	CMOS SERIAL INPUT/OUTPUT	40	16.20	13.50	11.34
<b>Z80B - 6 MHz</b>						
Z8400BB	511-Z8400BB	CENTRAL PROCESSING UNIT	40	3.45	2.88	2.42
Z8420BB	511-Z8420BB	PERIPHERAL INPUT-OUTPUT	40	3.45	2.88	2.42
Z8430BB	511-Z8430BB	COUNTER TIMER CIRCUIT	28	3.45	2.88	2.42
Z8440BB	511-Z8440BB	SERIAL INPUT-OUTPUT DUAL	40	7.50	6.25	5.25
Z8441BB	511-Z8441BB	SERIAL INPUT-OUTPUT DUAL	40	7.50	6.25	5.25
Z8442BB	511-Z8442BB	SERIAL INPUT-OUTPUT DUAL	40	7.50	6.25	5.25
Z8470BB	511-Z8470BB	DUAL ASYNC RECVR/TRNSMTR	40	7.50	6.25	5.25

### Z8000 MICROPROCESSOR FAMILY

THE Z80 Microprocessor Family is a new, powerful 16-bit chip set. The family has a unique new architecture, the main features of which are operating system software support, compiler support and memory management. The Z8000 Family spans the gulf between simple stand-alone computers and complex multiple-processor systems. Even the smallest Z8000 systems offer high throughput and easy programming far superior to any existing microprocessor alternative. In mid-range applications, Z8000 components offer much more powerful solutions to the design problems of word processing, intelligent terminals, data communications, instrumentation and process control. And in a complex network of multiple processors, smart peripheral components, small local memories and a large common memory, the Z8000 Family provides performance and versatility exceeding that of much larger — and far more expensive — minicomputers. Operating temperature range is 0°-70°C. Plastic case style.

100 OR MORE CALL FOR QUOTE

SGS NO.	MOUSER PART NO.	DESCRIPTION	PKG (DIP)	PRICE EACH		
				1	10	50
Z8000	4 MHz					
Z8001	511-Z8001	SEGMENTED CPU 8M ADDRESS RANGE	48	26.99	22.50	18.90
Z8002	511-Z8002	NON-SEGMENTED CPU 64K ADDRESS RANGE	40	20.99	17.50	14.70
Z8000	6 MHz					
Z8001A	511-Z8001A	SEGMENTED CPU 8M ADDRESS RANGE	48	28.50	23.75	19.95
Z8002A	511-Z8002A	NON-SEGMENTED CPU 64K ADDRESS RANGE	40	25.50	21.25	14.28

### Z8500 UNIVERSAL PERIPHERALS

Selected Z8000 LSI Peripheral Components feature alternative versions with modified bus interfacing suitable for use with other CPU's such as the Z80. Operating temperature range 0°-70°C. Plastic case style.

100 OR MORE CALL FOR QUOTE

SGS NO.	MOUSER PART NO.	DESCRIPTION	PKG (DIP)	PRICE EACH		
				1	10	50
Z8530A	511-Z8530A	SERIAL COMMUNICATIONS CONTROLLER (DUAL) - SCC	40	14.99	12.50	10.50
Z8531A	511-Z8531A	ASYNCHRONOUS SERIAL COMMUNICATIONS CONTROLLER - ASCC	40	13.50	11.25	9.45

## MEMORIES

FOR QUANTITIES OF 100 OR MORE CALL FOR QUOTE

EPROM - Using advanced MOS processing steps, SGS manufactures a lead line of ceramic, frit-seal cap, UV Erasable Programmable Read Only Memory integrated circuits. Products are manufactured in conformance to MIL-STD-883. Operating temperature range is 0°-70°C.

SGS NO.	MOUSER PART NO.	ORGANIZATION	DESCRIPTION	ACCESS TIME (ns)	PACKAGE	PRICE EACH			
						1	10	50	100
M2716F1	511-M2716F1	2048 x 8 BIT	16K NMOS UV-EPROM (25V PROGRAM)	450	DIP 24CL	8.10	6.75	5.67	CALL FOR QUOTE
M2716-1F1	511-M2716-1F1	2048 x 8 BIT	16K NMOS UV-EPROM (25V PROGRAM)	350	DIP 24CL	8.25	6.88	5.78	CALL FOR QUOTE

## LINEAR INTEGRATED CIRCUITS

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

SGS NO.	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100	500
VOLTAGE REGULATOR					
LM2931A	511-LM2931A	5V SP VOLT RG TO-220	2.43	2.03	1.70
AUDIO AMPLIFIERS					
TBA820	511-TBA820	1W AMPLIFIER 8 OHM	1.65	1.38	1.16
TDA1910	511-TDA1910	10W AMPLIFIER 8 OHM	6.90	5.75	4.83
OPERATIONAL AMPLIFIERS					
MC1458CPI	511-MC1458CPI	DUAL OPERATIONAL AMP	0.54	0.45	0.38
MC3403P	511-MC3403P	QUAD OPERATIONAL AMP	0.96	0.80	0.67
COMPARATORS					
MC3302P	511-MC3302P	QUAD COMPARATOR	0.84	0.70	0.59
LM311N	511-LM311N	SINGLE COMPARATOR	0.60	0.50	0.42
LM393AN	511-LM393AN	DUAL COMPARATOR	0.45	0.38	0.32

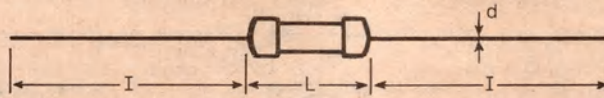
SGS NO.	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100	500
QUAD LINE DRIVER/RECEIVERS					
MC1488P	511-MC1488P	DRIVER 18MA30V DIP 14	0.60	0.50	0.42
MC1489AP	511-MC1489AP	RECVR 16MA10V DIP 14	0.75	0.63	0.53
MC1489P	511-MC1489P	RECVR 16MA10V DIP 14	0.60	0.50	0.42
DARLINGTON ARRAYS					
ULN2067B	511-ULN2067B	4 TRAN ARRAY CMOS	4.95	4.13	3.47
ULN2069B	511-ULN2069B	4 TRAN ARRAY TTL	4.95	4.13	3.47
ULN2070B	511-ULN2070B	4 TRAN ARRAY CMOS	3.90	3.25	2.73
ULN2076B	511-ULN2076B	4 TRAN ARRAY CMOS	3.90	3.25	2.73
ULN2077B	511-ULN2077B	4 TRAN ARRAY CMOS	4.95	4.13	3.47

# NEW PRODUCTS



# NEW PRODUCTS

## MOUSER® Metal Power Resistors FLAME-PROOF METAL OXIDE POWER RESISTORS



### FEATURES:

- RATED POWER AT AMBIENT TEMPERATURE OF 70°C
- SMALL TEMPERATURE COEFFICIENT
- THERMALLY STABLE

### SPECIFICATIONS:

- TEMP. RANGE: -55°C TO 200°C
- TEMP. COEFFICIENT:  $\pm 350$  PPM/°C

### RESISTANCE CHANGE:

- FULL LOAD FOR 15 MIN. @ -55°C: <1.0%
- OVERLOAD FOR 5 SEC (10 x RATING): <1.0%
- MOISTURE LOAD LIFE (40°C @ 95% RH FOR 500 HRS): <5.0%
- LOAD LIFE (70°C FOR 1000 HRS): <5.0%
- HEAT (200°C FOR 1 HR): <1.0%

### CROSS REFERENCE

MOUSER	STACKPOLE	MICRO-OHM
ME261	RS-1	RSF-1B

### CROSS REFERENCE

MOUSER	STACKPOLE	MICRO-OHM
ME262	RS-2	RSF-2B

### 1-WATT 5%

TABLE OF VALUES (ohms)

.68	10	75	470	3.0K	15K
.82	15	82	510	3.3K	18K
1.0	18	100	560	3.9K	20K
1.5	22	120	620	4.7K	22K
2.2	24	150	680	5.1K	27K
2.7	27	180	750	5.6K	33K
3.0	33	200	820	6.2K	39K
3.3	36	220	1.0K	6.8K	47K
3.9	39	240	1.1K	7.5K	56K
4.7	43	270	1.2K	8.2K	68K
5.1	47	300	1.5K	9.1K	
5.6	51	330	2.0K	10K	
6.8	56	360	2.2K	12K	
8.2	68	390	2.7K	13K	

### 2-WATT 5%

TABLE OF VALUES (ohms)

.50	6.8	56	360	2.2K	12K
.68	8.2	62	390	2.7K	13K
.82	10	68	470	3.0K	15K
1.0	15	75	510	3.3K	18K
1.5	18	100	560	3.9K	20K
2.2	22	120	620	4.7K	22K
2.4	24	150	680	5.1K	27K
2.7	27	180	750	5.6K	33K
3.0	33	200	820	6.2K	39K
3.3	36	220	1.0K	6.8K	47K
3.9	39	240	1.1K	7.5K	56K
4.7	43	270	1.2K	8.2K	68K
5.1	47	300	1.5K	9.1K	
5.6	51	330	2.0K	10K	

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	RATED POWER (WATTS)	VALUE RANGE (OHMS)	DIMENSIONS (INCHES)				STANDARD PACKAGES				
			L	D	I (MIN)	d	5 PER	100 PER	1000 PER	10,000 PER	25,000 PER
							VALUE	VALUE	VALUE	ASSTD	ASSTD
ME261-VALUE	1	0.68-68k	.472	.177	1.06	.03	.13	.09	.08	.07	CALL FOR QUOTE

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	RATED POWER (WATTS)	VALUE RANGE (OHMS)	DIMENSIONS (INCHES)				STANDARD PACKAGES				
			L	D	I (MIN)	d	5 PER	100 PER	1000 PER	10,000 PER	25,000 PER
							VALUE	VALUE	VALUE	ASSTD	ASSTD
ME262-VALUE	2	0.5-68K	.63	.217	1.06	.03	.19	.12	.11	.10	CALL FOR QUOTE

## MOUSER®

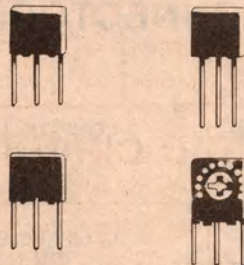
### INDUSTRIAL MULTITURN POTENTIOMETERS

THIS RANGE OF SQUARE, SINGLE TURN, TRIMMING POTENTIOMETERS IS IDEAL FOR INDUSTRIAL AND PROFESSIONAL EQUIPMENT APPLICATIONS WHERE DEMAND FOR A SMALL AND HIGHLY RELIABLE COMPONENT IS REQUIRED.

THE CERMET RESISTIVE ELEMENT USED IN ITS CONSTRUCTION ENSURES THE ADVANTAGES ASSOCIATED WITH THIS TYPE OF TRIMMER. IT HAS A UNIVERSALLY ACCEPTED DESIGN OF ADJUSTMENT HEAD AND IS RESISTANT TO ALL KNOWN P.C.B. WASHING SOLVENTS.

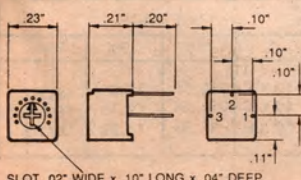
### FEATURES:

- CERMET ELEMENT
- VERY SMALL SIZE
- ENCLOSURE SEALED
- 0.5W RATING AT 70°C
- FLAME RETARDANT
- P.C.B. STANDOFFS
- ROBUST CONSTRUCTION



### CROSS REFERENCE

BOURNS 3323  
ALLEN-BRADLEY A10  
SPECTROL 67  
DUBILIER W780M

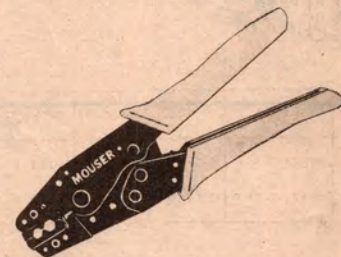


SLOT .02" WIDE x .10" LONG x .04" DEEP

STOCK NO.	PRICE EACH			
	1	10	100	500
ME323-4255P-500	1.68	1.20	1.10	.99
ME323-4255P-1K	1.68	1.20	1.10	.99
ME323-4255P-5K	1.68	1.20	1.10	.99
ME323-4255P-10K	1.68	1.20	1.10	.99
ME323-4255P-20K	1.68	1.20	1.10	.99
ME323-4255P-50K	1.68	1.20	1.10	.99
ME323-4255P-100K	1.68	1.20	1.10	.99
ME323-4255P-500K	1.68	1.20	1.10	.99
ME323-4255P-1MEG	1.68	1.20	1.10	.99

## MOUSER®

### COAXIAL CRIMPING TOOL



### FEATURES:

- CONTROLLED CYCLE MECHANISM TO ENSURE COMPLETE CRIMP
- COMPACT SIZE
- DUAL APERTURES FOR GREATER CABLE RANGE
- HEAVY GAUGE MATERIAL FOR EXTRA STRENGTH AND DURABILITY
- BUILT-IN RELEASE CATCH

STOCK NO.	PRICE EACH
ME382-DC89	71.95

# NEW PRODUCTS



# NEW PRODUCTS

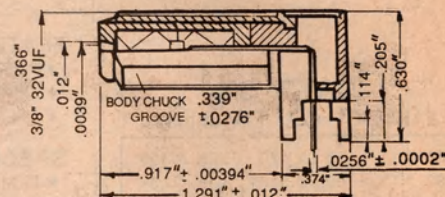
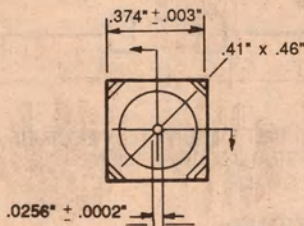
## TYPE F-61 PC MOUNTING CONNECTORS

MATERIAL: PHOSPHOR BRONZE CONTACTS,  
NICKEL-PLATED BRONZE BODY

THREAD: 3/8" X 32



RIGHT ANGLE

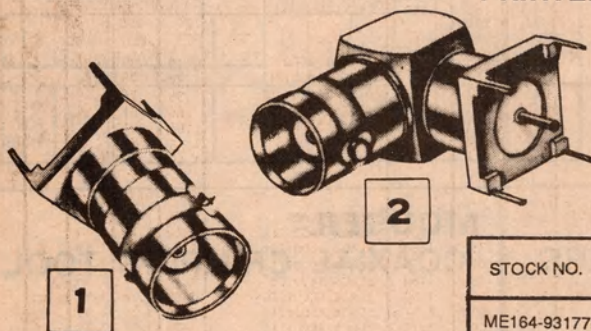


MATES WITH ALL STANDARD TYPES F-59, CF-59, F-56, CF-56  
SIMPLIFIES DESIGN BY MOUNTING DIRECTLY ON THE PC BOARD,  
MINIMIZES RF SIGNAL LOSSES.

INCLUDES NUT AND WASHER  
FOR 750 OHM FM/VHF/UHF/CATV APPLICATIONS.

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	25	100	500
ME161-5371	RT PC MOUNT F CONN	1.05	0.88	0.80	CALL FOR QUOTE

## BNC JACKS PRINTED CIRCUIT BOARDS

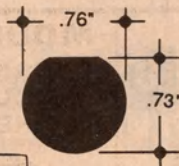
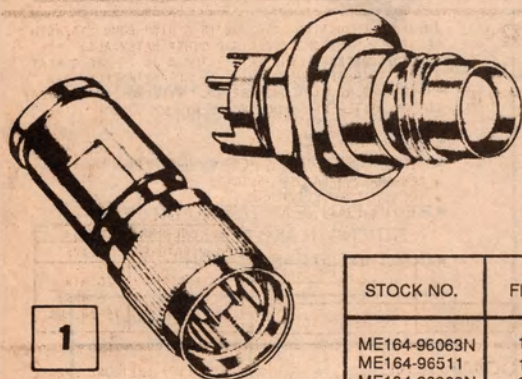


- SILVER PLATED CENTER CONTACT
- NICKEL PLATED BODY
- TEFLON INSULATIONS
- SILICON RUBBER GASKETS
- DESIGNED TO MIL STANDARD SPECS
- HIGHEST QUALITY

STOCK NO.	FIG.	DESCRIPTION	IMP (OHMS)	PRICE EACH			
				1	25	100	250
ME164-93177N	1	BNC PC MOUNT	50	5.39	5.12	4.88	CALL FOR QUOTE
ME164-93178N	2	BNC RT, ANGLE PC MOUNT	50	9.19	8.69	8.28	

## TWINAXIAL CONNECTORS

MAX. THICKNESS  
OF PANEL: .13"



COMPATIBLE WITH THE FOLLOWING CABLES:  
MOUSER NO 515-8000-12  
CAROL CABLE NO. C8000  
BELDON NO. 9207

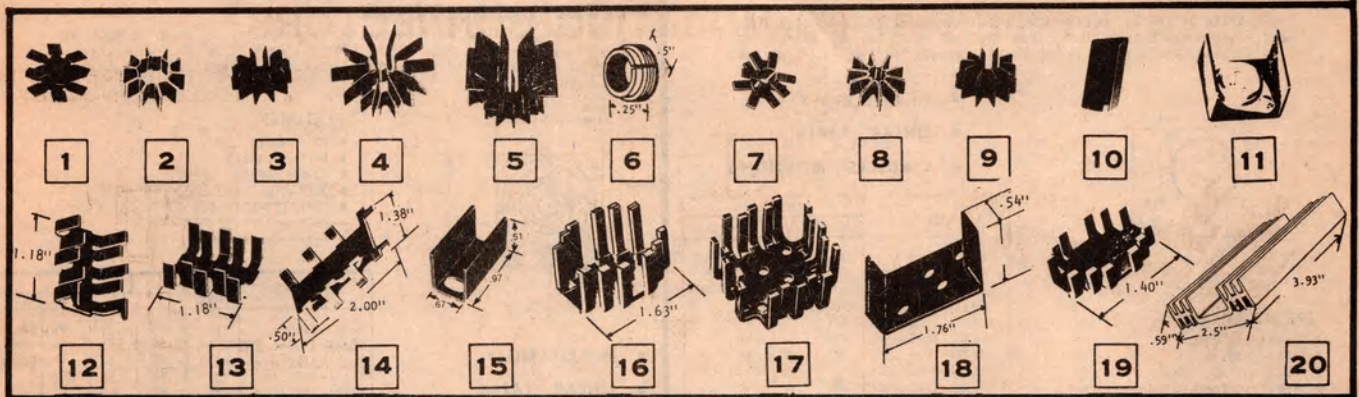
COMPATIBLE WITH THE FOLLOWING COMPUTER SYSTEMS:  
IBM NOS. 34,36,38, & 5520  
ITT NO. 3480

STOCK NO.	FIG.	DESCRIPTION	NOMINAL I.O. (IN)	AWG	PRICE EACH			
					1	10	100	250
ME164-96063N	1	FREE PLUG SOLDER	.33	20	13.19	12.51	11.91	CALL FOR QUOTE
ME164-96511	1	FREE PLUG CRIMP	.33	20	13.99	13.38	12.75	
ME164-96068N	2	BULKHEAD RECEPTACLE	.33	20	19.33	17.58	15.98	

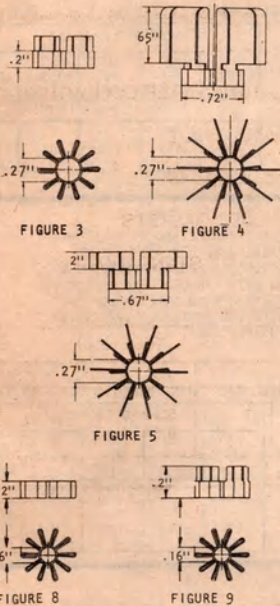
# NEW PRODUCTS



# MOUSER® Heat Sinks



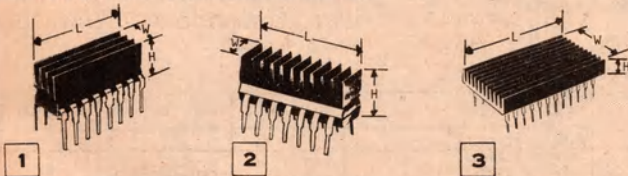
THESE QUALITY SEMICONDUCTOR COOLERS ARE DESIGNED TO GIVE THE MOST OPTIMUM COOLING PER UNIT COST. THEIR LIGHT WEIGHT DESIGN AND HIGH PERFORMANCE MAKE THESE HEAT SINKS ADAPTABLE TO ANY CIRCUIT BOARD APPLICATION. THEY ARE AVAILABLE IN ALL CASE TYPES WITH VARYING EFFICIENCY RATINGS.



STOCK NO.	FIG.	DESCRIPTION	THER RES (CW)	DIMENSIONS (INCHES)		FINISH	PRICE EACH			
				HT	W		1	10	100	500
FOR TO-5 CASE TYPE										
33HS501	1	ECONOMICAL BUT EFFICIENT PUSH-ON	60°	.32	.75	CHEMICAL BLACKENED	.17	.13	.12	CALL FOR QUOTE
33HS502	2	STANDARD COOLING PUSH-ON	60°	.20	.72	CHEMICAL BLACKENED	.53	.35	.32	FOR QUOTE
33HS503	3	MEDIUM COOLING CAPACITY PUSH-ON	46°	.44	.72	CHEMICAL BLACKENED	.82	.55	.49	QUOTE
33HS504	4	MAXIMUM COOLING PUSH-ON	33°	.44	1.11	CHEMICAL BLACKENED	.89	.68	.62	
33HS505	5	SUPER MAXIMUM COOLING PUSH-ON	30°	.91	1.22	CHEMICAL BLACKENED	1.59	1.33	1.22	
33HS261	6	PUSH FITS ONTO TRANSISTOR	85°	.75	.5	MATT BLACK	1.38	1.15	1.05	
FOR TO-18 CASE TYPE										
33HS181	7	ECONOMICAL BUT EFFICIENT PUSH-ON	85°	.20	.625	CHEMICALLY BLACKENED	.41	.27	.25	
33HS182	8	STANDARD COOLING PUSH-ON	60°	.20	.68	CHEMICALLY BLACKENED	.74	.51	.46	
33HS183	9	MAXIMUM COOLING PUSH-ON	48°	.375	.625	CHEMICALLY BLACKENED	.74	.58	.53	
FOR TO-92 CASE TYPE										
33HS921	10	STANDARD PUSH-ON CLIP	80°	.60	.15	CHEMICALLY BLACKENED	.32	.17	.15	CALL FOR QUOTE
FOR TO-220 CASE TYPE										
33HS221	11	ECONOMICAL U STYLE (WITH HOLES)	11°	.99	1.38	MATT ETCHED	.59	.39	.36	
33HS223	12	VERT. MTG. STAGGERED FINS	15°	.52	.99	BLACK ANODIZED	.98	.76	.60	
33HS222	13	HORIZ. MTG. STAGGERED FINS	15°	.52	.99	BLACK ANODIZED	.95	.76	.69	
ME332-4100	12	VERT. MTG. STAGGERED FINS	18°	.31	.99	BLACK ANODIZED	.66	.61	.55	
ME332-4110	13	HORIZ. MTG. STAGGERED FINS	18°	.31	.99	BLACK ANODIZED	.66	.61	.55	
ME332-4120	14	MAXIMUM COOLING STYLE	9°	.50	1.38	BLACK ANODIZED	.95	.85	.78	
ME332-4130	15	STANDARD U STYLE (WITH HOLES)	17°	.51	.67	BLACK ANODIZED	1.65	1.37	1.25	
FOR TO-3 CASE TYPE										
33HS301	11	ECONOMICAL U STYLE (WITH HOLES)	11°	.99	1.38	MATT ETCHED	.60	.39	.36	
33HS302	16	UNIVERSAL MOUNTING	14°	.52	1.30	BLACK ANODIZED	1.68	1.29	1.14	
33HS303	16	TO-3, TO-66, SOT-9, SOT-32	12°	.75	1.30	BLACK ANODIZED	1.77	1.37	1.24	
33HS304	16	OFFSET FINS FOR MAX. HEAT	10.5°	1.00	1.30	BLACK ANODIZED	1.73	1.44	1.31	CALL FOR QUOTE
33HS305	16	DISSIPATION	9°	1.25	1.30	BLACK ANODIZED	1.82	1.52	1.38	
33HS306	17	SQUARE WITH OFFSET FINS	6°	1.00	1.80	BLACK ANODIZED	1.55	1.29	1.17	QUOTE
33HS307	17	SQUARE WITH OFFSET FINS	5.0°	.91	2.57	BLACK ANODIZED	3.96	3.30	2.99	
33HS308	17	SQUARE WITH OFFSET FINS	3.9°	1.00	3.15	BLACK ANODIZED	3.74	3.12	2.83	
33HS532	18	OPTIMUM COOLER U STYLE(W/HOLES)	14°	.54	1.25	MATT BLACK	.85	.64	.59	
FOR TO-66 CASE TYPE										
33HS661	11	ECONOMICAL U STYLE (WITH HOLES)	11°	.99	1.38	MATT ETCHED	.73	.56	.50	
33HS662	19	COMPACT SIZE GOOD COOLING	16°	.52	1.12	BLACK ANODIZED	1.20	.97	.88	
33HS302	16	UNIVERSAL MOUNTING	14°	.52	1.30	BLACK ANODIZED	1.46	1.12	.99	
33HS303	16	TO-3, TO-66, SOT-9, SOT-32	12°	.75	1.30	BLACK ANODIZED	1.54	1.19	1.08	
33HS304	16	OFFSET FINS FOR	10.5°	1.00	1.30	BLACK ANODIZED	1.50	1.25	1.14	
33HS305	16	MAXIMUM HEAT DISSIPATION	9°	1.25	1.30	BLACK ANODIZED	1.58	1.32	1.20	
FOR POWER TRANSISTORS, DIODES, SCR'S										
33HS262	20	UNIVERSAL MOUNTING (NO HOLES)	4.2°	.59	2.5	MATT BLACK	5.13	4.28	3.89	

## MOUSER® HEAT SINKS FOR IC'S

THE HIGH PERFORMANCE IC HEAT SINKS ARE AVAILABLE IN TWO DESIGNS FOR DIFFERENT PIN CONFIGURATIONS. THEY ACT AS AN EXCELLENT COOLANT AND PERFORMANCE INCREASES WHEN USED WITH THE THERMAL CONDUCTIVE ADHESIVE.



STOCK NO.	FIG.	CONTACT PINS	DIMENSIONS INCHES			PRICE EACH			
			L	W	H	1	10	100	500
33HS008	1	6-8	.33	.25	.19	.33	.26	.24	CALL FOR QUOTE
33HS016	1	14-16	.75	.25	.19	.71	.47	.43	
33HS020	1	20	.99	.25	.19	.79	.61	.55	
33HS116	2	14-16	.75	.25	.19	.69	.46	.41	
33HS124	3	24	1.30	.75	.19	.94	.72	.67	
33HS128	3	28	1.46	.75	.19	.99	.79	.71	
33HS136	3	36	1.85	.75	.19	1.10	.85	.77	
33HS140	3	40	2.01	.75	.19	1.29	.99	.90	

• BLACK ANODIZED FINISH

• ATTACH USING THERMALLY CONDUCTIVE ADHESIVE

## MOUSER® THERMALLY CONDUCTIVE ADHESIVE

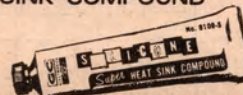


THERMAL CONDUCTIVE ADHESIVE IS A HIGH BOND STRENGTH AGENT FOR SEMICONDUCTORS AND OTHER MATERIALS. IT PROVIDES AN EXCELLENT PATH BETWEEN AN IC AND A HEAT SINK. THERMAL CONDUCTIVITY IS APPROXIMATELY FOUR TIMES THAT OF SILICONE GREASE. WILL NOT HARDEN, DRY OUT OR MELT AFTER 1,000 HOURS AT 200° C.

- VOLUME RESISTING:  $10^{12}$  Ohm-cm
- MINIMUM DIELECTRIC STRENGTH: 400 V/10-.03 mm
- TEMPERATURE RANGE: -60°C TO 150°C
- THERMAL CONDUCTIVITY: 0.002 CAL/SEC cm°C

STOCK NO.	WEIGHT	PRICE EACH	CURING TIME	
			TEMPERATURE	TIME
33HS001	1.07 oz.	18.68	190°C	20 MIN.
			38°C	6 HRS.
			20°C	16-24 HRS.

## HEAT SINK COMPOUND



HIGHEST QUALITY SILICONE GREASE. EXCELLENT THERMAL CONDUCTIVITY.

1 Oz TUBE	
STOCK NO.	PRICE EACH
524-8109-S	4.95

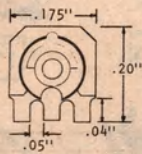
"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.



# Surface Mount Components

## LEADLESS CHIP TRIMMER RESISTORS

THESE STATE OF THE ART ULTRA-MICRO TRIMMERS ARE DESIGNED TO MEET THE MOST MINIMUM SPACE REQUIREMENTS FOR SUITABLE PC BOARD. WHEN SPACE IS AT A PREMIUM, THESE TRIMMERS SHOULD BE DESIGNED INTO YOUR APPLICATION.



### SPECIFICATIONS

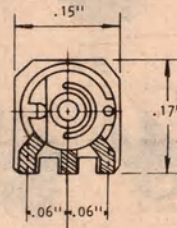
- TOLERANCE:  $\pm 30\%$
- TAPER: LINEAR
- POWER RATING: .25W
- OPERATING TEMP:  $-55^{\circ}\text{C}$  TO  $+125^{\circ}\text{C}$
- ROTATIONAL TORQUE: 20 TO 200gf cm
- MECHANICAL ROTATION:  $200^{\circ}$

- HI-RELIABILITY
- LINEAR TAPER
- LEADLESS MOUNTING

STOCK NO.	PRICE EACH			
	1	10	100	500
ME321-3000-500	.68	.52	.42	CALL FOR QUOTE
ME321-3000-1K	.68	.52	.42	
ME321-3000-2K	.68	.52	.42	
ME321-3000-5K	.68	.52	.42	
ME321-3000-10K	.68	.52	.42	
ME321-3000-25K	.68	.52	.42	
ME321-3000-50K	.68	.52	.42	
ME321-3000-100K	.68	.52	.42	
ME321-3000-250K	.68	.52	.42	
ME321-3000-500K	.68	.52	.42	
ME321-3000-1M	.68	.52	.42	

## LEADLESS CHIP TRIMMER POTENTIOMETERS

THESE STATE OF THE ART ULTRA-MICRO TRIMMERS ARE DESIGNED TO MEET THE MOST MINIMUM SPACE REQUIREMENTS FOR SUITABLE PC BOARD. WHEN SPACE IS AT A PREMIUM, THESE TRIMMERS SHOULD BE DESIGNED INTO YOUR APPLICATION.



### FEATURES

- TOLERANCE:  $\pm 30\%$
- TAPER: LINEAR
- POWER RATING: .25W
- OPERATING TEMP:  $-40^{\circ}\text{C}$  TO  $+100^{\circ}\text{C}$
- ROTATIONAL TORQUE: 20 TO 200gf cm
- MECHANICAL ROTATION:  $250^{\circ}$
- TEMPERATURE COEFFICIENT:  $\pm 250\text{ppm}/^{\circ}\text{C}$

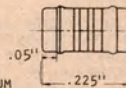
- HI-RELIABILITY
- LINEAR TAPER
- LEADLESS MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-3100-1K	1K	.68	.52	.42	CALL FOR QUOTE
ME321-3100-2.2K	2.2K	.68	.52	.42	
ME321-3100-4.7K	4.7K	.68	.52	.42	
ME321-3100-22K	22K	.68	.52	.42	
ME321-3100-47K	47K	.68	.52	.42	

## 1/8 WATTS 5% ROUND CHIP RESISTORS



- AUDIO EQUIPMENT & ELECTRONIC TUNERS
- AUTOMOBILE ELECTRONICS
- COLOR TV & VTR EQUIPMENT
- ANY APPLICATION WHERE SPACE IS AT A PREMIUM



THESE METAL-ELECTRODE FACE BONDING CHIP RESISTORS (MELF) PERMIT HIGH DENSITY MOUNTING WITHOUT THE NEED FOR SECONDARY PACKING OF TAPING OR MAGAZINE-PACKING. THIS IS A FEATURE THAT GIVES THEM AN ADVANTAGE OVER CONVENTIONAL RESISTORS.

TABLE OF VALUES (OHMS)

2.2	22	150	1K	6.8K	47K	330K
2.7	27	180	1.2K	8.2K	56K	390K
4.7	33	220	1.5K	10K	68K	470K
5.6	39	270	1.8K	12K	82K	560K
6.8	47	330	2.2K	15K	100K	680K
8.2	56	390	2.7K	18K	120K	820K
10	68	470	3.3K	22K	150K	1M
12	82	560	3.9K	27K	180K	
15	100	680	4.7K	33K	220K	
18	120	820	5.6K	39K	270K	

\* MULTIPLES OF 1000 PER VALUE NOTE: MIN. ORDER 5 PCS. PER VALUE

STOCK NO.	WATTS	TOL.	STANDARD PACKAGES				
			5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 ASST'D	25,000 ASST'D
ME296-VALUE	1/8W	5%	.20	.052	.032	.029	CALL FOR QUOTE

## 1/8 WATTS 5% FLAT CHIP RESISTORS



### FEATURES

- SPACE SAVING
- COMPARABLE IN PERFORMANCE TO LARGER RESISTORS WITH LEADS

TABLE OF VALUES (OHMS)

2.2	47	180	510	1.5K	4.7K	12K	39K	110K	390K
2.7	51	200	560	1.8K	5.1K	15K	43K	120K	470K
4.7	56	220	620	2K	5.6K	15K	47K	150K	510K
5.6	68	240	680	2.2K	6.2K	18K	51K	180K	560K
10	75	270	750	2.4K	6.8K	20K	56K	200K	680K
15	82	300	820	2.7K	7.5K	22K	62K	220K	750K
22	100	330	910	3K	8.2K	24K	68K	240K	820K
27	110	390	1K	3.3K	9.1K	27K	75K	270K	1M
33	120	430	1.1K	3.6K	10K	30K	82K	330K	1.5M
39	150	470	1.2K	3.9K	11K	33K	100K	360K	2M

### SPECIFICATIONS:

- WATTAGE: 1/8W
- TOLERANCE: 5%
- DIMENSIONS:  $.13'' \times .06''$
- MOUNTING DENSITY: 60 PCS./CM<sup>2</sup> @ 1/8W INPUT, 100°C PCB TEMPERATURE AND 60% AMBIENT TEMPERATURE.

RESISTOR ELEMENT IS A HIGHLY STABLE AND RELIABLE METAL GLAZE TYPE RESISTOR MATERIAL WITH A GLASS COAT TO IMPROVE THE MECHANICAL STRENGTH. HAS EXCELLENT HIGH-FREQUENCY CHARACTERISTICS WITH REDUCED LEAD IMPEDENCE. CAN BE USED AS A PART OF THE HYBRID INTEGRATED CIRCUIT IN COMBINATION WITH THE MINI-MOLD TRANSISTOR, MINI-MOLD DIODE AND CHIP CAPACITORS.

\* MULTIPLES OF 1000 PER VALUE NOTE: MIN. ORDER 5 PCS. PER VALUE

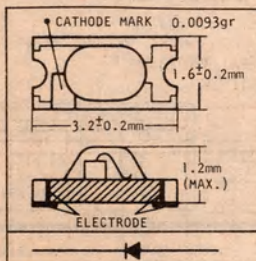
STOCK NO.	WATTS	TOL.	STANDARD PACKAGES				
			5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 ASST'D	25,000 ASST'D
ME298-VALUE	1/8W	5%	.20	.062	.041	.037	CALL FOR QUOTE

## MOUSER® CHIP LEDS

### • CERAMIC CHIP LED

### FEATURES

- COMPACT, THIN, LIGHT
- LEADLESS TYPE STRUCTURE
- CERAMIC SUBSTRATE WITHSTANDS HIGH TEMPERATURE
- SURFACE MOUNTABLE
- TRANSPARENT LENS FOR HIGH VISIBILITY
- EPOXY RESIN ENCAPSULATION



### APPLICATIONS

- RADIOS
- TV'S
- VCR'S
- PRINTERS
- ANY APPARATUS WITH SIGNAL OR SWITCH DISPLAY
- TELEPHONES
- FAULT INDICATORS
- SPECIAL SYMBOLS
- BACK LIGHTING

ELECTRICAL AND OPTICAL CHARACTERISTIC:  
(Ta = 25°C)

PERFORMANCE MAXIMUM RATINGS Ta25°C			
	UNIT	SYMBOL	RATING
FORWARD CURRENT	mA	I <sub>f</sub>	50
POWER DISSIPATION	mW	P	100
OPERATING TEMPERATURE	°C	Top	-20~+60
STORAGE TEMPERATURE	°C	Tst	-30~+70

ME351-2711 (RED)	UNIT	SYMBOL	CONDITION	MIN	MEAN	MAX
FORWARD VOLTAGE	V	V <sub>f</sub>	I <sub>f</sub> =20ma		2.15	2.6
REVERSE CURRENT	μA	I <sub>r</sub>	V <sub>R</sub> =10V		10	
LUMINOUS INTENSITY	mc	I <sub>v</sub>	I <sub>f</sub> =5ma	0.35	0.8	1.1
PEAK EMISSION WAVE LENGTH	nm	λ <sub>p</sub>	I <sub>f</sub> =20ma		700	
SPECTRAL RADIATION BAND WIDTH	nm	Δλ	I <sub>f</sub> =20ma		100	

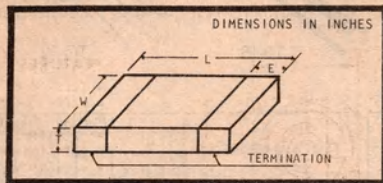
ME351-2721 (GREEN)	UNIT	SYMBOL	CONDITION	MIN	MEAN	MAX
FORWARD VOLTAGE	V	V <sub>f</sub>	I <sub>f</sub> =20ma		2.2	2.6
REVERSE CURRENT	μA	I <sub>r</sub>	V <sub>R</sub> =10V		10	
LUMINOUS INTENSITY	mc	I <sub>v</sub>	I <sub>f</sub> =5ma	2.0	4.2	6.6
PEAK EMISSION WAVE LENGTH	nm	λ <sub>p</sub>	I <sub>f</sub> =20ma		559	
SPECTRAL RADIATION BAND WIDTH	nm	Δλ	I <sub>f</sub> =20ma		26	

STOCK NO.	COLOR	PRICE EACH			
		1	500	1000	5000
ME351-2711	RED	.69	.39	.29	.26
ME351-2721	GREEN	.75	.48	.38	.35



# Surface Mount Components

## MOUSER® CERAMIC CHIP CAPACITORS 50 VOLT



OTHER CERAMIC CAPACITORS ARE AVAILABLE IN THIS CATALOG. MORE VALUES AND VOLTAGES ARE AVAILABLE. CALL OUR SALES DEPARTMENT FOR A QUOTE.

### SPECIFICATIONS FOR X7R TYPE

- TEMPERATURE COEFFICIENT:  $C 0 \pm 15\%$  MAX. OVER  $-55^{\circ}\text{C}$  TO  $+125^{\circ}\text{C}$
- DISSIPATION FACTOR: .025 (2.5%) MAX. AT 1KHZ  $\pm 50\text{HZ}$ , 1.0  $\pm 0.2\text{V}$ ,  $25^{\circ}\text{C}$
- INSULATION RESISTANCE: GREATER THAN  $1000\text{G}\Omega$  FOR CAPACITANCE BELOW .01UF,  $25^{\circ}\text{C}$ , VDCW GREATER THAN  $1,000\text{G}\Omega$  FOR CAPACITANCE ABOVE .01UF,  $25^{\circ}\text{C}$ , VDCW
- DIELECTRIC WITHSTANDING VOLTAGE: 250% RATED VOLTAGE FOR 5 SECONDS, 50mA MAX. CHARGING CURRENT,  $25^{\circ}\text{C}$
- LIFE TEST: 200% RATED VOLTAGE AT  $+125^{\circ}\text{C}$  FOR 1,000 HOURS

### X7R TEMPERATURE STABLE $\pm 10\%$ TOLERANCE

STOCK NO.	VALUE	MAX. DIMENSIONS				PRICE EACH			
		L	W	T	E	1	100	500	1000
21CR633	330PFD	.055	.04	.05	.005	.21	.07	.06	CALL FOR QUOTE
21CR647	470PFD	.055	.04	.05	.005	.21	.07	.06	
21CR650	500PFD	.055	.04	.05	.005	.21	.07	.06	
21CR510	1000PFD	.08	.05	.05	.015	.34	.15	.12	
21CR510	.001MFD	.08	.05	.05	.015	.34	.15	.12	
21CR410	.01MFD	.08	.05	.05	.015	.44	.29	.26	
21CR420	.02MFD	.10	.08	.05	.02	.44	.29	.26	
21CR450	.05MFD	.10	.08	.05	.02	.44	.29	.26	
21CR310	.1MFD	.175	.13	.07	.02	.59	.39	.36	

### SPECIFICATIONS FOR NPO TYPE

- OPERATING TEMP:  $-55^{\circ}\text{C}$  TO  $+125^{\circ}\text{C}$
- DISSIPATION FACTOR: 0.15% MAX AT 1 VRMS MAX, 1 KHZ,  $25^{\circ}\text{C}$
- INSULATION RESISTANCE: GREATER THAN  $100\text{G}\Omega$  FOR BELOW .01 UF,  $25^{\circ}\text{C}$ , VDCW GREATER THAN  $1000\text{G}\Omega$  FOR ABOVE .01 UF,  $25^{\circ}\text{C}$ , VDCW
- DIELECTRIC WITHSTANDING VOLTAGE: 250% RATED VOLTAGE FOR 5 SECONDS WITH 50mA MAX. CHARGING CURRENT,  $25^{\circ}\text{C}$
- LIFE TEST: 200% RATED VOLTAGE @  $+125^{\circ}\text{C}$  FOR 1,000 HOURS

### NPO TEMPERATURE STABLE $\pm 10\%$

STOCK NO.	VALUE	MAX. DIMENSIONS				PRICE EACH			
		L	W	T	E	1	100	500	1000
21CC847	4.7PFD	.08	.05	.05	.015	.34	.17	.14	CALL FOR QUOTE
21CC710	10PFD	.08	.05	.05	.015	.34	.17	.14	
21CC722	22PFD	.08	.05	.05	.015	.34	.17	.14	
21CC739	39PFD	.08	.05	.05	.015	.22	.08	.07	
21CC747	47PFD	.08	.05	.05	.015	.34	.17	.14	
21CC610	100PFD	.08	.05	.05	.015	.34	.17	.14	
21CC612	120PFD	.08	.05	.05	.015	.22	.08	.07	
21CC622	220PFD	.08	.05	.05	.015	.34	.17	.14	
21CC647	470PFD	.08	.05	.05	.015	.34	.17	.14	

### SPECIFICATIONS FOR Z5U TYPE

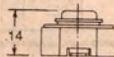
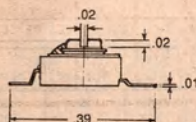
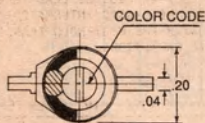
- OPERATING TEMP:  $-55^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$
- INSULATION RESISTANCE: GREATER THAN  $10,000\text{M}\Omega$  FOR CAPACITANCE BELOW .05UF,  $25^{\circ}\text{C}$ , VDCW GREATER THAN  $500\text{M}\Omega$  FOR CAPACITANCE ABOVE .05UF,  $25^{\circ}\text{C}$ , VDCW
- DIELECTRIC WITHSTANDING VOLTAGE: 250% RATED VOLTAGE FOR 5 SECONDS, 50mA MAX. CHARGING CURRENT,  $25^{\circ}\text{C}$
- TEST LIFE: 200% RATED VOLTAGE @  $+85^{\circ}\text{C}$  FOR 250 HOURS.

### Z5U GENERAL PURPOSE $\pm 20\%$ TOLERANCE

STOCK NO.	VALUE	MAX. DIMENSIONS				PRICE EACH			
		L	W	T	E	1	100	500	1000
21CZ410	.01MFD	.08	.05	.05	.015	.32	.21	.17	CALL FOR QUOTE
21CZ450	.05MFD	.10	.08	.05	.02	.32	.21	.17	
21CZ320	.2MFD	.18	.13	.07	.02	.45	.30	.27	

## ROTARY CERAMIC TRIMMER CAPACITORS

### 5mm MICRO-MINIATURE



### SPECIFICATIONS

- RATED VOLTAGE: 250 VDC
- BREAKDOWN VOLTAGE: 500 VDC
- TORQUE: 35-200 gr-cm
- INSULATION RESISTANCE:  $10^8$  MEGOHMS @ 250 VDC

STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP COEF PPM/ C	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA070	1.8-6.0	300	$\text{NPO} \pm 250$	RED	.75	.68	.54	CALL FOR QUOTE
24AA071	2.8-12.5	300	$\text{NPO} \pm 300$	NONE	.75	.68	.54	
24AA072	3.5-20	300	$\text{NPO} \pm 300$	BLUE	.75	.68	.54	
24AA073	5.0-30	200	$\text{NPO} \pm 200$	YELLOW	.75	.68	.54	
24AA074	9.0-50	200	$\text{NPO} \pm 200$	GREEN	.75	.68	.54	

## MOUSER® SURFACE MOUNTING CHIP POTENTIOMETER



THIS MINIATURE CHIP TRIMMER INCORPORATES THE LATEST TECHNOLOGICAL DEVELOPMENTS AND HAS BEEN RIGOROUSLY TESTED TO THE HIGHEST STANDARDS. SPECIAL ATTENTION AT THE DESIGN STAGE ENSURES THAT THIS COMPONENT MEETS SPECIFIC REQUIREMENTS OF HYBRIDS AND MODERN SURFACE MOUNTING BOARDS.

### SPECIFICATIONS:

- TOLERANCE:  $\pm 25\%$
- TAPER: LINEAR
- VATTAGE: 0.1 (70%)
- TEMPERATURE RANGE:  $-20^{\circ}\text{C}$  TO  $85^{\circ}\text{C}$
- MAXIMUM OPERATING VOLTAGE: 20VDC OR AC RMS
- MEC. ADJ.: 1 TURN  $260^{\circ}$
- ROTATION TORQUE: 15-170 GF-CM

### BULK PACKED (IN SMT TAPE) AVAILABLE FROM STOCK

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME323-3204-500	500	.98	.76	.69	CALL FOR QUOTE
ME323-3204-1K	1K	.98	.76	.69	
ME323-3204-5K	5K	.98	.76	.69	
ME323-3204-10K	10K	.98	.76	.69	
ME323-3204-20K	20K	.98	.76	.69	
ME323-3204-50K	50K	.98	.76	.69	
ME323-3204-100K	100K	.98	.76	.69	
ME323-3204-200K	200K	.98	.76	.69	
ME323-3204-500K	500K	.98	.76	.69	
ME323-3204-1M	1 MEG	.98	.76	.69	

CONVENIENT "SCHEDULED DELIVERIES"



# MOUSER® Transistors

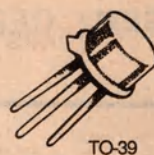
MIN. ORDER = 2 PCS.



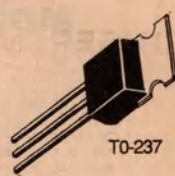
TO-92



TO-18



TO-39



TO-237

INDUSTRY NO.	STOCK NO.	PRICE EACH					
		2	100	500	1000	5000	
2N2222	333-KN2222	.13	.10	.09	.08	.05	CALL FOR QUOTE
2N2222A	333-KN2222A	.13	.10	.09	.08	.05	
2N2907	333-KN2907	.13	.10	.09	.08	.05	
2N3903	333-KN3903	.15	.10	.082	.07	.05	
2N3904	333-KN3904	.15	.10	.082	.07	.05	
2N3905	333-KN3905	.15	.10	.082	.07	.05	
2N3906	333-KN3906	.15	.10	.082	.07	.05	
2N4400	333-KN4400	.13	.10	.09	.08	.05	
2N4401	333-KN4401	.13	.10	.09	.08	.05	
2N4402	333-KN4402	.13	.10	.09	.08	.05	
2N4403	333-KN4403	.13	.10	.09	.08	.05	

INDUSTRY NO.	STOCK NO.	PRICE EACH					
		2	100	500	1000	5000	
2N2219A	ME333-PN2219A	.31	.18	.17	.15	.11	CALL FOR QUOTE
2N2905A	ME333-PN2905A	.31	.18	.17	.15	.11	
2N2907A	ME333-PN2907A	.25	.13	.12	.11	.08	
2N5179	ME333-PN5179	.27	.16	.14	.13	.10	
2N5306	ME333-2N5306	.29	.18	.16	.15	.11	CALL FOR QUOTE
2N5401	ME333-2N5401	.25	.16	.15	.14	.11	
2N5551	ME333-2N5551	.25	.16	.15	.14	.11	
2N6714	ME333-2N6714	.31	.19	.17	.16	.13	
MPSA05	ME333-MPSA05	.25	.16	.14	.13	.10	
MPSA06	ME333-MPSA06	.26	.16	.14	.13	.10	
MPSA12	ME333-MPSA12	.28	.18	.16	.15	.11	
MPSA13	ME333-MPSA13	.25	.16	.14	.13	.10	
MPSA14	ME333-MPSA14	.28	.18	.16	.15	.11	
MPSA42	ME333-MPSA42	.28	.18	.16	.15	.11	
MPSA43	ME333-MPSA43	.28	.18	.16	.15	.11	
MPSA55	ME333-MPSA55	.26	.16	.14	.13	.10	
MPSA56	ME333-MPSA56	.26	.16	.14	.13	.10	
MPSA62	ME333-MPSA62	.30	.18	.17	.15	.11	
MPSA63	ME333-MPSA63	.30	.18	.17	.15	.11	
MPSA64	ME333-MPSA64	.30	.18	.17	.15	.11	
MPSA92	ME333-MPSA92	.30	.18	.17	.15	.11	
MPSA93	ME333-MPSA93	.30	.18	.17	.15	.11	
MPSH10	ME333-MPSH10	.29	.18	.17	.15	.11	

INDUSTRY NO.	STOCK NO.	PRICE EACH					
		1	100	500	1000	5000	
2N697	ME333-2N697	.68	.52	.47	.43	.33	CALL FOR QUOTE
2N699	ME333-2N699	.99	.76	.69	.63	.48	
2N1613	ME333-2N1613	.72	.55	.49	.45	.33	
2N2102	ME333-2N2102	.75	.58	.53	.48	.33	
2N2218	ME333-2N2218	.68	.52	.47	.43	.33	CALL FOR QUOTE
2N2218A	ME333-2N2218A	.68	.52	.47	.43	.33	
2N2219	ME333-2N2219	.68	.52	.47	.43	.33	
2N2904	ME333-2N2904	.69	.53	.48	.44	.33	
2N2904A	ME333-2N2904A	.69	.53	.48	.44	.33	
2N2905	ME333-2N2905	.69	.53	.48	.44	.33	
2N2906	ME333-2N2906	.44	.34	.31	.28	.21	
2N3019	ME333-2N3019	.75	.58	.53	.48	.33	
2N3020	ME333-2N3020	.75	.58	.53	.48	.33	
2N4036	ME333-2N4036	.85	.65	.59	.54	.33	

INDUSTRY NO.	STOCK NO.	DESCRIPTION	ELECTRICAL CHARACTERISTICS (Ta=25°C)									
			V <sub>CE0</sub>	I <sub>C</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>CE</sub>
			MIN (V)	MAX (mA)	MIN (V)	MAX (V)	MIN (V)	MAX (V)	MIN (V)	MAX (V)	MIN (V)	MAX (V)
2N697	ME333-2N697	TO-39 GEN PUR SW NPN	40	1.0	30	40/120	150	10	50	50	10	10
2N699	ME333-2N699	TO-39 GEN PUR SW NPN	80	2.0	60	40/120	150	10	50	50	10	10
2N1613	ME333-2N1613	TO-39 GEN PUR SW NPN	50	10	60	40/120	150	10	60	50	10	10
2N2102	ME333-2N2102	TO-39 AUDIO AMP NPN	80	2.0	60	40/120	150	10	60	50	10	10
2N2218	ME333-2N2218	TO-39 GEN PUR SW NPN	30	.01	50	40/120	150	10	250	20	20	20
2N2218A	ME333-2N2218A	TO-39 GEN PUR SW NPN	40	.01	50	40/120	150	10	250	20	20	20
2N2219	ME333-2N2219	TO-39 GEN PUR SW NPN	30	.01	50	100/300	150	10	250	20	20	20
2N2219A	ME333-2N2219A	TO-39 PWR SW AMP NPN	40	10	75	75/375	10	300	20	20	20	20
2N2222	333-KN2222	TO-92 PWR SW AMP NPN	30	10	50	100/300	150	10	200	20	20	20
2N2222A	333-KN2222A	TO-92 PWR SW AMP NPN	40	10	60	100/300	150	10	200	20	20	20
2N2904	ME333-2N2904	TO-39 GEN PUR SW PNP	40	.02	50	40/120	150	10	200	50	20	20
2N2904A	ME333-2N2904A	TO-39 GEN PUR SW PNP	60	.02	50	40/120	150	10	200	50	20	20
2N2905	ME333-2N2905	TO-39 GEN PUR SW PNP	40	.02	50	100/300	150	10	200	50	20	20
2N2905A	ME333-2N2905A	TO-237 PWR SW AMP PNP	60	10	50	100/300	150	10	200	50	20	20
2N2906	ME333-2N2906	TO-18 GEN PUR SW PNP	40	.02	50	40/120	150	10	200	50	20	20
2N2907	333-KN2907	TO-92 HI-SPEED SW PNP	40	20	50	100/300	150	10	200	50	20	20
2N2907A	ME333-2N2907A	TO-92 HI-SPEED SW PNP	60	10	50	100/300	150	10	200	50	20	20
2N3019	ME333-2N3019	TO-39 GEN PUR NPN	80	.01	90	100/300	150	10	100 (400)	50	10	10
2N3020	ME333-2N3020	TO-39 GEN PUR NPN	80	.01	90	40/120	150	10	80	50	10	10
2N3903	333-KN3903	TO-92 GEN PUR SW NPN	40	100	60	50/150	10	1.0	250	10	20	20
2N3904	333-KN3904	TO-92 GEN PUR SW NPN	40	100	60	100/300	10	1.0	300	10	20	20
2N3905	333-KN3905	TO-92 GEN PUR SW PNP	40	100	40	50/150	10	1.0	200	10	20	20
2N3906	333-KN3906	TO-92 GEN PUR SW PNP	40	100	40	100/300	10	1.0	250	10	20	20
2N4036	ME333-2N4036	TO-39 GEN PUR PNP	65	100	90	20/200	150	2.0				
2N4400	333-KN4400	TO-92 GEN PUR SW PNP	40	100	35	50/150	150	1.0	200	20	10	10
2N4401	333-KN4401	TO-92 GEN PUR SW NPN	40	100	35	100/300	150	1.0	250	20	10	10
2N4402	333-KN4402	TO-92 GEN PUR SW PNP	40	100	35	50/150	150	2.0	150	20	10	10
2N4403	333-KN4403	TO-92 GEN PUR SW PNP	40	100	35	100/300	150	2.0	200	20	10	10
2N5179	ME333-PN5179	TO-92 RF SM SIGNAL NPN	12	1.0	15	25/250	3.0	1.0	900 (2000)	5.0	6.0	6.0
2N5306	ME333-2N5306	TO-92 GEN PURPOSE NPN	25	100	25	7K/70K	2.0	5.0	60	2.0	5.0	5.0
2N5401	ME333-2N5401	TO-92 GEN PURPOSE PNP	150	50	120	60/240	10	5.0	100 (300)	10	10	10
2N5551	ME333-2N5551	TO-92 GEN PURPOSE NPN	160	50	120	80/250	10	5.0	100 (300)	10	10	10
2N6714	ME333-2N6714	TO-92 SM SIGNAL NPN	30	100	40	50/250	1.0	1.0	50	50	10	10
MPSA05	ME333-MPSA05	TO-92 AUDIO AMP NPN	60	.1	60	50/---	10	1.0	100	10	2.0	2.0
MPSA06	ME333-MPSA06	TO-92 AUDIO AMP NPN	80	.1	80	50/---	10	1.0	100	10	.0	.0
MPSA12	ME333-MPSA12	TO-92 DARLINGTON NPN	20	100	15	20K/---	10	5.0	125	5.0	10	10
MPSA13	ME333-MPSA13	TO-92 DARLINGTON NPN	30	100	30	10K/---	100	5.0	125	10	5.0	5.0
MPSA14	ME333-MPSA14	TO-92 DARLINGTON NPN	30	100	30	20K/---	100	5.0	125	10	5.0	5.0
MPSA42	ME333-MPSA42	TO-92 SM SIGNAL NPN	300	100	200	40/---	10	1.0	50	10	20	20
MPSA43	ME333-MPSA43	TO-92 SM SIGNAL NPN	200	100	160	40/---	30	1.0	50	10	20	20
MPSA55	ME333-MPSA55	TO-92 AUDIO AMP PNP	60	.1	60	50/---	10	1.0	50	100	1.0	1.0
MPSA56	ME333-MPSA56	TO-92 AUDIO AMP PNP	80	.1	80	50/---	10	1.0	50	100	1.0	1.0
MPSA62	ME333-MPSA62	TO-92 DARLINGTON PNP	20	100	30	40/100	5.0	10	125	5.0	10	10
MPSA63	ME333-MPSA63	TO-92 DARLINGTON PNP	30	100	30	10K/---	100	5.0	125	100	5.0	5.0
MPSA64	ME333-MPSA64	TO-92 DARLINGTON PNP	30	100	30	20K/---	100	5.0	125	100	5.0	5.0
MPSA92	ME333-MPSA92	TO-92 SM SIGNAL PNP	300	250	20	40/---	10	1.0	50	10	20	20
MPSA93	ME333-MPSA93	TO-92 SM SIGNAL PNP	200	250	160	40/---	10	1.0	50	10	20	20
MPSH10	ME333-MPSH10	TO-92 UHF/VHF OSC NPN	25	100	25	60/---	4.0	10	650	4.0	10	10

## ELECTRICAL CHARACTERISTICS

INDUSTRY#	STOCK NO.	PRICE EACH					INDUSTRY#	CASE TYPE	V <sub>CE0</sub> MIN (V)	I <sub>C</sub> MAX (mA)	h <sub>FE</sub> MIN/FE MAX	f <sub>t</sub> MIN (MHz)	f <sub>t</sub> MIN (MHz)	I <sub>C</sub> (mA)
		2	100	500	1000	5000								
2N5400	ME333-2N5400	.24	.13	.12	.11	.08	2N5400	TO-92 GEN PUR PNP	140	200	60/250	10	100	10
2N5550	ME333-2N5550	.24	.13	.12	.11	.08	2N5550	TO-92 GEN PUR NPN	140	200	60/250	10	100	10
MPSA44	ME333-MPSA44	.35	.25	.24	.21	.16	MPSA44	TO-92 SM SIG NPN	400	100	50/-	10	20	10
MPSA45	ME333-MPSA45	.35	.25	.24	.21	.16	MPSA45	TO-92 SM SIG NPN	350	100	50/-	10	20	10

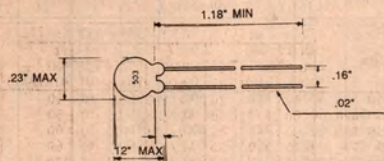
INDUSTRY#	STOCK NO.	PRICE EACH					INDUSTRY#	CASE TYPE	f <sub>t</sub> (mHz)		I <sub>c</sub> (mA)	C <sub>cb</sub> MAX(PF)	V <sub>CE0</sub> MIN(V)
		2	100	500	1000	5000			MIN	MAX			
MPS6543	ME333-MPS6543	.22	.12	.11	.094	CALL FOR QUOTE	MPS6543	TO-92 GEN PUR	750	1100	4.0	1.0	25
MPS511	ME333-MPS511	.23	.15	.14	.13		MPS511	TO-92 UHF/VHF	650	1400	4.0	0.7	25



# MOUSER® Thermistors, Diodes, & Crystals

## MOUSER® NTC THERMISTORS

THESE MOUSER NEGATIVE TEMPERATURE COEFFICIENT THERMISTORS DECREASE IN RESISTANCE AS TEMPERATURE INCREASES. THESE THERMISTORS ARE IDEAL FOR MEETING THE VARIOUS TEMPERATURE MEASUREMENT, CONTROL AND INDICATION REQUIREMENTS OF INDUSTRIAL, OEM AND CONSUMER USERS.



- THERMAL DISSIPATION CONSTANT: 7 mW/°C
- MAXIMUM THICKNESS: .16"
- MAXIMUM DIAMETER: .23"

STOCK NO.	R <sub>25</sub> 25°C (OHMS)	TOL ±%	B-CONSTANT	MAX I <sub>25</sub> (mA)	PRICE EACH				
					1	100	500	1000	
ME334-2727-101	100	9	2700+250	150	.71	.47	.43	.37	CALL FOR QUOTE
ME334-3027-201	200	8	3000+250	115	.71	.47	.43	.37	
ME334-3027-301	300	8	3000+250	94	.71	.47	.43	.37	
ME334-3827-501	500	8	3800+300	90	.71	.47	.43	.37	
ME334-3827-102	1K	8	3800+300	65	.71	.47	.43	.37	
ME334-3827-152	1.5K	8	3800+300	52	.71	.47	.43	.37	
ME334-4027-202	2K	8	4000+300	47	.71	.47	.43	.37	
ME334-4027-252	2.5K	8	4000+300	42	.71	.47	.43	.37	
ME334-4027-302	3K	8	4000+300	38	.71	.47	.43	.37	
ME334-4027-352	3.5K	8	4000+300	36	.71	.47	.43	.37	
ME334-4027-452	4.5K	8	4000+300	32	.71	.47	.43	.37	CALL FOR QUOTE
ME334-4027-502	5K	8	4000+300	31	.71	.47	.43	.37	
ME334-4127-103	10K	8	4100+300	23	.71	.47	.43	.37	
ME334-4127-153	15K	8	4100+300	19	.71	.47	.43	.37	
ME334-4127-203	20K	8	4100+300	16	.71	.47	.43	.37	
ME334-4227-503	50K	8	4200+300	10	.71	.47	.43	.37	

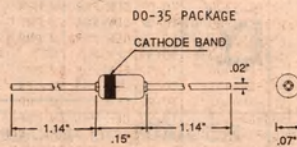
## MOUSER® ZENER DIODES

### STANDARD DOUBLE PLUG DIODE

USED FOR VOLTAGE REGULATOR CIRCUITS, TEMPERATURE COMPENSATING CIRCUITS AND OTHER APPLICATIONS.

#### FEATURES

- ULTRA HIGH RELIABILITY
- ±5% TOLERANCE
- DO-35 PACKAGE
- 500 MW



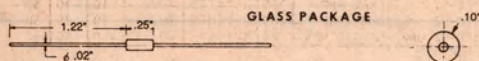
DIMENSIONS IN INCHES

PRICE EACH			
1	100	1000	5000
.35	.21	.19	.17

SERIES ELECTRICAL CHARACTERISTICS (T<sub>A</sub> = 25°C)

STOCK NO.	V <sub>ZT</sub> /I <sub>ZT</sub> nom. (V)	Z <sub>ZT</sub> /I <sub>ZT</sub> Max ( )	I <sub>ZT</sub> (mA)	I <sub>ZM</sub> (mA)	EQUIVALENT TO
ME333-1N5232B	5.6	11	20	81	1N752A
ME333-1N5233B	6.0	7.0	20	76	
ME333-1N5234B	6.2	7.0	20	73	1N753A
ME333-1N5235B	6.8	5.0	20	67	1N957B
ME333-1N5236B	7.5	6.0	20	61	1N958B
ME333-1N5237B	8.2	8.0	20	55	1N959B
ME333-1N5238B	8.7	8.0	20	52	
ME333-1N5239B	9.1	10	20	50	1N960B
ME333-1N5240B	10	17	20	45	1N961B
ME333-1N5241B	11	22	20	41	1N962B
ME333-1N5242B	12	30	20	38	1N963B
ME333-1N5243B	13	13	9.5	35	1N964B
ME333-1N5244B	14	15	9.0	32	
ME333-1N5245B	15	16	8.5	30	1N965B
ME333-1N5247B	17	19	7.4	27	
ME333-1N5248B	18	21	7.0	25	1N967B
ME333-1N5249B	19	23	6.6	24	
ME333-1N5250B	20	25	6.2	23	1N968B
ME333-1N5251B	22	29	5.6	21	1N969B
ME333-1N5252B	24	33	5.2	19.1	1N970B

## MOUSER® GERMANIUM DIODES



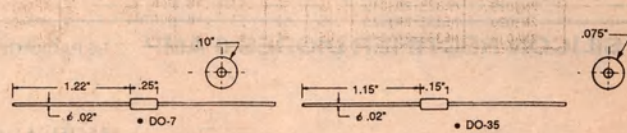
INDUSTRY NO.	STOCK NO.	PRV MAX	I <sub>F</sub> MAX	I <sub>R</sub> MAX	V <sub>F</sub>	PRICE EACH			
						2	100	1000	10000
IN60	333-IN60	50V	5.0mA	40uA	1.0V	.25	.12	.11	CALL FOR QUOTE

MIN. ORDER

INDUSTRY NO.	STOCK NO.	PRV MAX	I <sub>F</sub> MAX	I <sub>R</sub> MAX	V <sub>F</sub>	PRICE EACH			
						2	200	400	1000
IN34	333-IN34	60V	8.5mA	15uA	1.0V	.14	.11	.10	CALL FOR QUOTE

= 2 PCS.

## MOUSER® SILICON SIGNAL DIODES



GLASS PACKAGE

MIN. ORDER = 5 PCS.

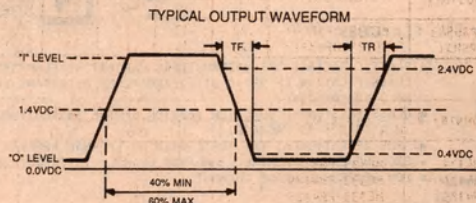
INDUSTRY NO.	STOCK NO.	CASE SIZE	PRV MAX	I <sub>F</sub> MAX	I <sub>R</sub> MAX	V <sub>F</sub>	PRICE EACH			
IN4148	333-IN4148	DO-35	75V	10mA	25nA	1.0V	.07	.052	.042	CALL FOR QUOTE
IN914	333-IN914	DO-7	75V	10mA	5.0uA	1.0V	.11	.053	.048	
IN9148	333-IN9148	DO-7	75V	10mA	5.0uA	1.0V	.11	.053	.048	CALL FOR QUOTE

## TTL CLOCK OSCILLATOR

#### SPECIFICATIONS:

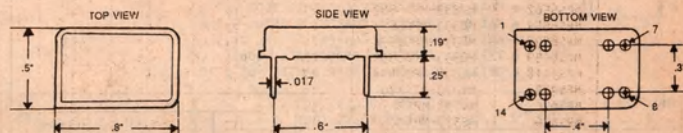
- FREQUENCY STABILITY: ..... 50PPM
- I/LC (SUPPLY VOLTAGE): ..... 5VDC ± .5V
- I/C (SUPPLY CURRENT): ..... 30MA (TYPICAL)
- OPERATING TEMPERATURE RANGE: 0° C TO 60° C
- STORAGE TEMPERATURE RANGE: ...-10° C TO 70° C

NEW IN 88



STOCK NO.	FREQUENCY	TF/TR	PRICE EACH			
			1	10	50	100
ME332-3040	4.00MHZ	15NS	6.78	5.65	5.14	CALL FOR QUOTE
ME332-3049	4.9152MHZ	15NS	6.78	5.65	5.14	
ME332-3060	6.00MHZ	15NS	6.78	5.65	5.14	
ME332-3080	8.00MHZ	15NS	6.78	5.65	5.14	
ME332-3120	12.00MHZ	10NS	6.78	5.65	5.14	
ME332-3143	14.318MHZ	10NS	6.78	5.65	5.14	
ME332-3160	16.0MHZ	10NS	6.99	5.86	5.33	

PIN NO.	CONNECTION
1	NC
7	GND
8	OUTPUT
14	+5VDC

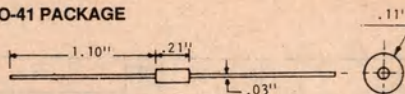


ORDER BY PHONE, FAX, TELEX, OR MAIL



# MOUSER® Silicon Rectifier Diodes

## 1 AMP DO-41 PACKAGE



### SPECIFICATIONS

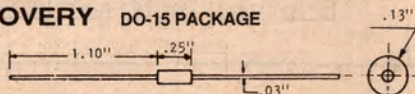
- MAX OVERLOAD SURGE CURRENT: 50A
- MAX FULL LOAD REVERSE CURRENT: 30uA
- TYPICAL JUNCTION CAPACITANCE: 30PF



MIN. ORDER = 3 PCS.

INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH				
						3	100	1000	10000	
IN4001	333-IN4001	50	35	50	1.1	.11	.068	.055		CALL FOR QUOTE
IN4002	333-IN4002	100	70	100	1.1	.12	.069	.06		
IN4003	333-IN4003	200	140	200	1.1	.12	.073	.064		
IN4004	333-IN4004	400	280	400	1.1	.13	.078	.067		
IN4005	333-IN4005	600	420	600	1.1	.15	.084	.077		
IN4006	333-IN4006	800	560	800	1.1	.15	.098	.09		
IN4007	333-IN4007	1000	700	1000	1.1	.18	.12	.11		

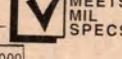
## 1 AMP FAST RECOVERY DO-15 PACKAGE



### SPECIFICATIONS

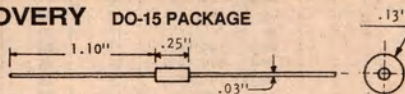
- MAX OVERLOAD SURGE CURRENT: 30A
- MAX D.C. REVERSE CURRENT 25°C: 5.0uA
- MAX D.C. REVERSE CURRENT 75°C: 50uA
- TYPICAL JUNCTION CAPACITANCE: 30PF

MIN. ORDER = 2 PCS.



INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH				
						2	100	1000	10000	
IN4933	333-IN4933	50	35	50	.18	.11	.10			CALL FOR QUOTE
IN4934	333-IN4934	100	70	100	.20	.12	.11			
IN4935	333-IN4935	200	140	200	.21	.13	.11			
IN4936	333-IN4936	400	280	400	.22	.14	.12			
IN4937	333-IN4937	600	420	600	.24	.15	.14			

## 1 AMP FAST RECOVERY DO-15 PACKAGE



### SPECIFICATIONS

- MAX OVERLOAD SURGE CURRENT: 15A
- MAX D.C. REVERSE CURRENT 25°C: 1.0uA
- MAX D.C. REVERSE CURRENT 75°C: 10uA
- TYPICAL JUNCTION CAPACITANCE: 30PF



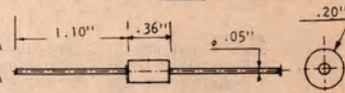
INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH				
						1	100	1000	10000	
IN4942	333-IN4942	200	140	200	.26	.16	.14			CALL FOR QUOTE
IN4944	333-IN4944	400	280	400	.29	.18	.16			
IN4946	333-IN4946	600	420	600	.30	.18	.15			
IN4947	333-IN4947	800	560	800	.32	.19	.16			

## 3 AMP DO-27 PACKAGE



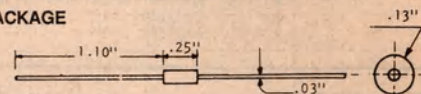
### SPECIFICATIONS

- MAX OVERLOAD SURGE CURRENT: 200A
- MAX FULL LOAD REVERSE CURRENT: 30uA
- MAX D.C. REVERSE CURRENT 25°C: 5uA
- MAX D.C. REVERSE CURRENT 75°C: 50uA
- TYPICAL JUNCTION CAPACITANCE: 70pF



INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH				
						1	100	1000	10000	
IN5400	333-IN5400	50	35	50	.95	.29	.24	.20		CALL FOR QUOTE
IN5401	333-IN5401	100	70	100	.95	.33	.27	.24		
IN5402	333-IN5402	200	140	200	.95	.36	.28	.26		
IN5403	333-IN5403	300	210	300	.95	.38	.32	.29		
IN5404	333-IN5404	400	280	400	.95	.45	.33	.30		
IN5405	333-IN5405	500	350	500	.95	.49	.35	.32		
IN5406	333-IN5406	600	420	600	.95	.51	.37	.34		
IN5407	333-IN5407	800	560	800	.95	.53	.39	.36		
IN5408	333-IN5408	1000	700	1000	.95	.56	.41	.38		

## 1.5 AMP DO-15 PACKAGE



### SPECIFICATIONS

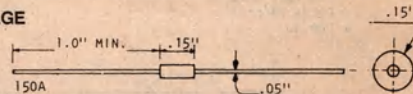
- MAX OVERLOAD SURGE CURRENT: 50A
- MAX FULL LOAD REVERSE CURRENT: 30uA
- TYPICAL JUNCTION CAPACITANCE: 30PF

MIN. ORDER = 2 PCS.



INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH				
						2	100	1000	10000	
IN5391	333-IN5391	50	35	50	.16	.09	.079			CALL FOR QUOTE
IN5392	333-IN5392	100	70	100	.17	.10	.09			
IN5393	333-IN5393	200	140	200	.17	.10	.09			
IN5394	333-IN5394	300	210	300	.17	.10	.091			
IN5395	333-IN5395	400	280	400	.19	.11	.095			
IN5396	333-IN5396	500	350	500	.21	.12	.099			

## 2.5 AMP R3 PACKAGE



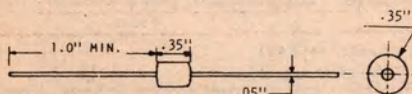
### SPECIFICATIONS

- MAX OVERLOAD SURGE CURRENT: 150A
- MAX FULL LOAD REVERSE CURRENT: 30uA
- MAX DC REV CURRENT 25°C: 5uA
- MAX DC REV CURRENT 75°C: 50uA
- TYPICAL JUNCTION CAPACITANCE: 60pF



STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	PRICE EACH				
				1	100	1000	10000	
33RL251	50	35	50	.25	.16	.14		CALL FOR QUOTE
33RL252	100	70	100	.27	.18	.15		
33RL253	200	140	200	.29	.20	.17		
33RL254	400	280	400	.31	.21	.18		

## SILICON RECTIFIER DIODES 6 AMP R6 PACKAGE



### SPECIFICATIONS

- MAX OVERLOAD SURGE CURRENT: 400A
- MAX DC REV CURRENT 25°C: 5uA
- MAX DC REV CURRENT 75°C: 50uA
- MAX FULL LOAD REVERSE CURRENT: 30uA
- TYPICAL JUNCTION CAPACITANCE: 100pF



STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	PRICE EACH				
				1	100	1000	10000	
33AA005	50	35	50	.62	.41	.37		CALL FOR QUOTE
33AA010	100	70	100	.69	.46	.41		
33AA020	200	140	200	.72	.51	.47		
33AA040	400	280	400	.73	.56	.51		
33AA060	600	420	600	.79	.61	.56		
33AA080	800	560	800	.86	.66	.59		
33AA100	1000	700	1000	.72	.67	.65		

## 3 AMP DO-201-AD PACKAGE



### FEATURES

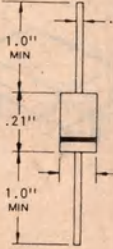
- PLASTIC PACKAGE HAS UNDERWRITERS LABORATORY FLAMMABILITY CLASSIFICATION OF 94V-0 UTILIZING FLAME RETARDANT EPOXY MOLDING COMPOUND.
- GLASS PASSIVATED JUNCTION VERSION OF THE IN5400 THRU IN5408 IN A DO-201-AD PACKAGE.
- 3AMP OPERATION AT T<sub>a</sub> = 105°C WITH NO THERMAL RUNAWAY.
- EXCEEDS ENVIRONMENTAL STANDARDS OF MIL-STD-19500/228.
- LOW REVERSE LEAKAGE CURRENT

### SPECIFICATIONS

- PEAK FORWARD SURGE CURRENT: 200A
- MAX D.C. REVERSE CURRENT @ 25°C: 5.0uA
- MAX D.C. REVERSE CURRENT AT 125°C: 50uA
- TYPICAL JUNCTION CAPACITANCE: 60pF
- OPERATING/STORAGE TEMP RANGE: -65°C TO +175°C

INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH					
						1	100	1000	10000	25000	
IN5400	ME331-PG5400	50	35	50	1.1	.28	.21	.19	.18		CALL FOR QUOTE
IN5402	ME331-PG5402	200	140	200	1.1	.35	.23	.21	.19		
IN5408	ME331-PG5408	1000	700	1000	1.1	.48	.32	.29	.26		

## 1 AMP DO-41 PACKAGE



### FEATURES

- PLASTIC PACKAGE HAS UNDERWRITERS LABORATORY FLAMMABILITY CLASSIFICATION OF 94V-0 UTILIZING FLAME RETARDANT EPOXY MOLDING COMPOUND.
- GLASS PASSIVATED JUNCTION VERSION OF THE IN4001 THRU IN4007 IN DO-41 PACKAGE.
- 1 AMP OPERATION AT T<sub>a</sub> = 75°C WITH NO THERMAL RUNAWAY.
- EXCEEDS ENVIRONMENTAL STANDARDS OF MIL-STD-19500/228.

### SPECIFICATIONS

- PEAK FORWARD SURGE CURRENT: 50A
- MAX FULL LOAD REVERSE CURRENT: 30A
- MAX D.C. REVERSE CURRENT @ 25°C: 5.0uA
- MAX D.C. REVERSE CURRENT @ 75°C: 50.0uA
- TYPICAL JUNCTION CAPACITANCE: 15pF
- OPERATING/STORAGE TEMP RANGE: -65°C TO +175°C

INDUSTRY NO.	STOCK NO.	PIV VOLTS	RMS VOLTS	BLOCK VOLTS (DC)	V <sub>F</sub>	PRICE EACH					
						2	100	1000	10000	25000	
IN4001	ME331-PG4001	50	35	50	1.1	.13	.077	.066	.06		CALL FOR QUOTE
IN4003	ME331-PG4003	200	140	200	1.1	.16	.085	.077	.07		
IN4007	ME331-PG4007	1000	700	1000	1.1	.19	.12	.11	.095		



1392



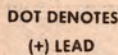
### FEATURES

- PLASTIC MATERIAL USED HAS UNDERWRITERS LABORATORY FLAMMABILITY RECOGNITION
- LOW LEAKAGE
- SURGE OVERLOAD RATING IS 50 AMPS PEAK
- IDEAL FOR PRINTED CIRCUIT BOARDS
- EXCEEDS ENVIRONMENTAL STANDARDS OF MIL-STD-19500

- SPECIFICATIONS**
- PEAK FORWARD SURGE CURRENT: 30 A
  - MAX DC REVERSE CURRENT @ 25°C: 50.  $\mu$ A
  - MAX DC REVERSE CURRENT @ 125°C: .5mA
  - OPERATING TEMP. RANGE: -55°C TO +125°C
  - STORAGE TEMP. RANGE: -55°C TO +150°C

### 1.5 AMP SILICON BRIDGE RECTIFIER

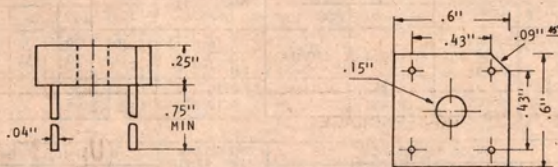
THESE SINGLE-PHASE, FULL WAVE BRIDGE RECTIFIERS ARE IDEALLY SUITED FOR USE IN LOW-TO-MEDIUM CURRENT APPLICATIONS WHERE COST, SIZE AND RELIABILITY ARE CONSIDERATIONS.



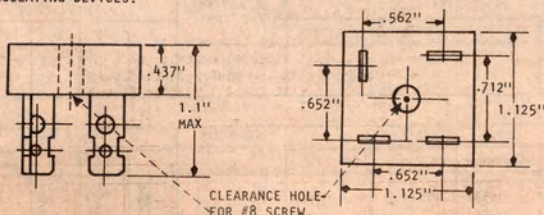
## SPECIFICATIONS

- MAX DC REV CURRENT 25°C: 10uA
- MAX DC REV CURRENT 125°C: 1.0mA
- MAX OVERLOAD SURGE CURRENT: 50A
- MAX FORWARD VOLTAGE DROP per ELEMENT AT 1.0ADC & 25°C: 1.0V
- OPERATING TEMP RANGE: -55°C +125°C

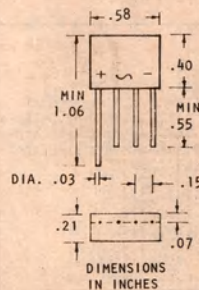
## 6 AMP SILICON BRIDGE RECTIFIER



THE HIGH CURRENT BRIDGE FEATURES A UNIQUE CONSTRUCTION IN THE JUNCTION TO HEAT SINK THERMAL PATH. TYPICAL JUNCTION TO HEAT SINK THERMAL RESISTANCES OF LESS THAN 1.5° PER WATT YIELD A CONSIDERABLY LOWER JUNCTION OPERATING TEMPERATURE. THE FULLY INSULATED CASE, MADE FROM HIGH QUALITY THERMO-SET MATERIAL, ELIMINATES THE NEED FOR SPECIAL THERMAL INSULATING DEVICES.



## 1 A



- SURGE OVERLOAD RATING IS 50 AMPS PEAK
- IDEAL FOR PRINTED CIRCUIT BOARDS

- PEAK FORWARD SURGE CURRENT: 30A
- MAX DC REVERSE CURRENT @ 25°C: 10uA
- MAX DC REVERSE CURRENT @ 100°C: 1.0uA
- MAX AVG. RECTIFIED OUTPUT CURRENT AT 50°C AMBIENT TEMP: 1.0A
- OPERATING TEMP RANGE: -55°C TO +125°C
- STORAGE TEMP RANGE: -55°C TO +150°C

## SPECIFICATIONS

- MAX DC REV CURRENT 25°C: 10uA
- MAX DC REV CURRENT 100°C: 1.0mA
- MAX OVERLOAD SURGE CURRENT: 50A
- MAX FORWARD VOLTAGE DROP PER ELEMENT AT 1.0 ADC & 25°C: 1.0V
- OPERATING TEMP RANGE: -50°C +120°C

### 3 AMP SILICON BRIDGE RECTIFIER

## SPECIFICATIONS

- MAX DC REV CURRENT 25°C: 10uA
- MAX DC REV CURRENT 125°C: 1.0mA
- MAX OVERLOAD SURGE CURRENT: 50A
- MAX FORWARD VOLTAGE DROP per ELEMENT AT 1.0ADC & 25°C: 1.0V
- OPERATING TEMP. RANGE: -50°C +120°C

## SPECIFICATIONS

- MAX DC REV CURRENT 25°C: 10uA
- MAX DC REV CURRENT 125°C: 1.0mA
- MAX OVERLOAD SURGE CURRENT: 200A
- MAX FORWARD VOLTAGE DROP per ELEMENT AT 3.0 ADC & 25°C: 1.0V
- OPERATING TEMP RANGE: -55°C +125°C

\* 

- MAX DC REV CURRENT 25°C: 10uA
- MAX OVERLOAD SURGE CURRENT: 400A
- MAX FORWARD VOLTAGE DROP per ELEMENT AT 12.5 ADC & 25°C: 1.1V
- OPERATING TEMP. RANGE: -55°C + 125°C
- MARKING: TYPE NUMBER TERMINAL MARKED WITH RED DOT.

STOCK NO.	PVI VOLTS	PRICE EACH				
		1	10	50	100	
<b>METAL CASE INSULATED FROM BRIDGE</b>						
33BR250 *	50	4.59	3.56	3.24		CALL FOR QUOTE
33BR252 *	200	5.66	4.55	3.89		
33BR256 *	600	9.12	7.59	6.89		
33BR150 *	1000	11.09	9.24	8.39		
<b>NON-CONDUCTIVE NYLON PACKAGE</b>						
ME333-BR256-P	600	16.77	5.96	5.43		





# Linear Integrated Circuits



STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			FAIRCHILD	MOTOROLA	NATIONAL	TEXAS INST.		1	25	50	100	250
595-SG304T	TO-100	NEGATIVE VOLTAGE REGULATOR		LM304	LM304		0 TO +70	2.99	2.55	2.31	2.10	CALL FOR QUOTE
595-SG305T	TO-99	POSITIVE VOLTAGE REGULATOR	UA305	LM305	LM305		0 TO +70	2.80	2.40	2.15	1.95	
595-SG309K	TO-3	5 VOLT FIXED VOLTAGE REGULATOR	UA309	LM309	LM309		0 TO +125	2.50	2.15	1.93	1.75	
595-SG309T	TO-39	5 VOLT FIXED VOLTAGE REGULATOR	UA309	LM309	LM309		0 TO +125	3.50	2.99	2.69	2.45	
595-SG117K	TO-3	1.5 AMP-THREE TERMINAL ADJUSTABLE VOLTAGE REGULATOR	UA117	LM117	LM117	TL117	-55 TO +150	9.50	8.10	7.32	6.65	CALL FOR QUOTE
595-SG117T	TO-39	1.5 AMP-THREE TERMINAL ADJUSTABLE VOLTAGE REGULATOR	UA117	LM117	LM117	TL117	-55 TO +150	7.99	6.80	6.16	5.60	
595-SG317K	TO-3	1.5 AMP-THREE TERMINAL ADJUSTABLE VOLTAGE REGULATOR	UA317	LM317	LM317	LM317	0 TO +150	2.99	2.55	2.31	2.10	
595-SG317T	TO-39	1.5 AMP-THREE TERMINAL ADJUSTABLE VOLTAGE REGULATOR	UA317	LM317	LM317	LM317	0 TO +150	2.60	2.20	1.99	1.80	
595-SG123K	TO-3	5 VOLT-THREE AMP POSITIVE REGULATOR	SH123	LM123	LM123		-55 TO +150	13.50	10.80	9.89	8.99	CALL FOR QUOTE
595-SG323K	TO-3	5 VOLT-THREE AMP POSITIVE REGULATOR	SH323	LM323	LM323		0 TO +125	5.05	4.05	3.74	3.40	
595-SG337K	TO-3	1.5 AMP NEGATIVE ADJUSTABLE REGULATOR		LM337	LM337	LM337	0 TO +125	3.99	3.40	3.08	2.80	
595-SG337T	TO-39	1.5 AMP NEGATIVE ADJUSTABLE REGULATOR		LM337	LM337	LM337	0 TO +125	3.80	3.25	2.93	2.65	
595-SG338K	TO-3	5 AMP POSITIVE ADJUSTABLE VOLTAGE REGULATOR			LM338		0 TO +125	8.20	6.55	6.05	5.50	CALL FOR QUOTE
595-SG350K	TO-3	3 AMP POSITIVE ADJUSTABLE VOLTAGE REGULATOR		LM350	LM350		0 TO +125	5.60	4.75	4.29	3.90	
595-SG353K-5	TO-3	5 VOLT-HIGH CURRENT FIXED VOLTAGE REGULATOR					0 TO +125	6.75	5.40	4.95	4.50	
595-SG353K-12	TO-3	12 VOLT-HIGH CURRENT FIXED VOLTAGE REGULATOR					0 TO +125	6.75	5.40	4.95	4.50	
595-SG353K-15	TO-3	15 VOLT-HIGH CURRENT FIXED VOLTAGE REGULATOR					0 TO +125	6.75	5.40	4.95	4.50	CALL FOR QUOTE
595-SG723T	TO-96	GENERAL PURPOSE POSITIVE VOLTAGE REGULATOR	UA723	MC1723	LM723	UA723	-55 TO +125	2.50	2.15	1.93	1.75	
595-SG3501AJ	14P-DIP	DUAL POLARITY TRACKING REGULATOR					0 TO +70	5.65	4.50	4.13	3.75	
595-SG3502N	14P-DIP	ADJUSTABLE DUAL POLARITY TRACKING REGULATOR					0 TO +70	6.65	5.30	4.89	4.45	
595-SG3532J	TO-116	PRECISION GENERAL PURPOSE VOLTAGE REGULATOR					0 TO +70	2.25	1.80	1.65	1.50	CALL FOR QUOTE
595-SG340K-05	TO-3	5 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7805	LM340-05	LM7805	LM340-05	0 TO +125	2.30	1.95	1.76	1.60	
595-SG340K-06	TO-3	6 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7806	LM340-06		LM340-06	0 TO +125	3.50	2.80	2.59	2.35	
595-SG340K-08	TO-3	8 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7808	LM340-08		LM340-08	0 TO +125	2.70	2.15	1.98	1.80	
595-SG340K-12	TO-3	12 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7812	LM340-12	LM340-12	LM340-12	0 TO +125	2.30	1.95	1.76	1.60	CALL FOR QUOTE
595-SG340K-15	TO-3	15 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7815	LM340-15	LM340-15	LM340-15	0 TO +125	2.30	1.95	1.76	1.60	
595-SG340K-18	TO-3	18 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7818	LM340-18		LM340-18	0 TO +125	2.70	2.15	1.98	1.80	
595-SG340K-20	TO-3	20 VOLT-THREE TERMINAL POSITIVE REGULATOR		MC78M20			0 TO +125	3.50	2.80	2.59	2.35	
595-SG340K-24	TO-3	24 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7824	LM340-24		LM340-24	0 TO +125	3.50	2.80	2.59	2.35	CALL FOR QUOTE
595-SG7805CT	TO-39	5 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7805	MC7805	LM7805		0 TO +125	2.20	1.90	1.71	1.55	
595-SG7806CT	TO-39	6 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7806C	MC7806		UA7806	0 TO +125	3.05	2.45	2.26	2.05	
595-SG7808CT	TO-39	8 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7808	MC7808		UA7808	0 TO +125	3.05	2.45	2.26	2.05	
595-SG7812CT	TO-39	12 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7812	MC7812	LM7812	UA7812	0 TO +125	2.20	1.90	1.71	1.55	CALL FOR QUOTE
595-SG7815CT	TO-39	15 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7815	MC7815	LM7815	UA7815	0 TO +125	2.20	1.90	1.71	1.55	
595-SG7818CT	TO-39	18 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7818	MC7818		UA7818	0 TO +125	3.05	2.45	2.26	2.05	
595-SG7824CT	TO-39	24 VOLT-THREE TERMINAL POSITIVE REGULATOR	UA7824	MC7824		UA7824	0 TO +125	3.05	2.45	2.26	2.05	
595-SG7905CT	TO-39	5 VOLT-THREE TERMINAL NEGATIVE REGULATOR	UA7905	MC7905	LM7905	UA7905	0 TO +125	2.50	2.15	1.93	1.75	CALL FOR QUOTE
595-SG7908CT	TO-39	8 VOLT-THREE TERMINAL NEGATIVE REGULATOR	UA7908	MC7908		UA7908	0 TO +125	3.40	2.70	2.48	2.25	
595-SG7912CT	TO-39	12 VOLT-THREE TERMINAL NEGATIVE REGULATOR	UA7912	MC7912	LM7912	UA7912	0 TO +125	2.50	2.15	1.93	1.75	
595-SG7915CT	TO-39	15 VOLT-THREE TERMINAL NEGATIVE REGULATOR	UA7915	MC7915	LM7915	UA7915	0 TO +125	2.50	2.15	1.93	1.75	
595-SG7918CT	TO-39	18 VOLT-THREE TERMINAL NEGATIVE REGULATOR		MC7918		UA7918	0 TO +125	3.95	3.15	2.92	2.65	

## PULSE WIDTH MODULATORS

STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			FAIRCHILD	MOTOROLA	NATIONAL	TEXAS INST.		1	25	50	100	250
595-SG1524J	16P-DIP	REGULATING PULSE WIDTH MODULATOR			LM1524	SG1524	-55 TO +125	6.75	5.40	4.95	4.50	CALL FOR QUOTE
595-SG3524N	16P-DIP	REGULATING PULSE WIDTH MODULATOR			LM3524	SG3524	0 TO +70	1.15	.90	.83	.75	
595-SG1524BJ	TO-116	REGULATING PULSE WIDTH MODULATOR					-55 TO +125	10.15	8.10	7.43	6.75	
595-SG3524BN	TO-116	REGULATING PULSE WIDTH MODULATOR					0 TO +70	1.99	1.60	1.49	1.35	
595-SG1525AJ	TO-116	REGULATING PULSE WIDTH MODULATOR			SG1525A		-55 TO +125	16.10	12.85	11.83	10.75	CALL FOR QUOTE
595-SG3525AN	TO-116	REGULATING PULSE WIDTH MODULATOR			SG3525A	SG3525A	0 TO +70	3.40	2.70	2.48	2.25	
595-SG3527AN	TO-116	REGULATING PULSE WIDTH MODULATOR			SG3527A	SG3527A	0 TO +70	3.40	2.70	2.48	2.25	
595-SG3526N	TO-116	REGULATING PULSE WIDTH MODULATOR			SG3526		0 TO +70	3.95	3.15	2.92	2.65	

## PROTECTION CIRCUITS

STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			FAIRCHILD	MOTOROLA	NATIONAL	TEXAS INST.		1	25	50	100	250
595-SG3542J	TO-116	VOLTAGE SENSING CIRCUIT					0 TO +70	6.75	5.40	4.95	4.50	CALL FOR QUOTE
595-SG3549M	8P-DIP	CURRENT SENSE LATCH					0 TO +70	2.50	1.99	1.82	1.65	
595-SG3509N	TO-116	AIR FAULT DETECTOR					-55 TO +150	7.65	6.10	5.61	5.10	
595-SG3523Y	8P-DIP	QVER-VOLTAGE SENSING UNIT		MC3523		MC3523	-55 TO +125	3.95	3.15	2.92	2.65	

## OPERATIONAL AMPLIFIERS

STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			FAIRCHILD	MOTOROLA	NATIONAL	TEXAS INST.		1	25	50	100	250
595-SG101AT	TO-99	UNCOMPENSATED OPERATIONAL AMPLIFIER		LM101AH	LM301A	LM301A	-55 TO +125	2.20	1.90	1.71	1.55	CALL FOR QUOTE
595-SG301AT	TO-99	UNCOMPENSATED OPERATIONAL AMPLIFIER	UA301A	LM301AH		LM301A	0 TO +70	1.99	1.70	1.54	1.40	
595-SG741CT	TO-99	GENERAL-PURPOSE COMPENSATED OPERATIONAL AMPLIFIER		MC1741CG			0 TO +70	1.50	1.30	1.16	1.05	
595-SG324J	14P-DIP	QUAD OPERATIONAL AMPLIFIER	UA324	LM324	LM324	LM324	0 TO +70	1.99	1.70	1.54	1.40	
595-SG1436T	TO-99	GENERAL PURPOSE COMPENSATED OPERATIONAL AMPLIFIER		MC1436	LM1436		0 TO +75	3.50	2.99	2.70	2.45	

## POWER DRIVERS

STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			MOTOROLA	NATIONAL	TEXAS INST.	SPRAQUE		1	25	50	100	250
595-SG3635P	TO-220	TWO AMP, HALF-BRIDGE DRIVER					0 TO +125	3.40	2.70	2.48	2.25	CALL FOR QUOTE
595-SG2001N	16P-DIP	GENERAL PURPOSE, PMOS, CMOS DRIVER ARRAY			ULN2001	ULN2001	-55 TO +125	.99	.85	.77	.70	
595-SG2003N	16P-DIP	5 VOLT TTL, CMOS DRIVER			ULN2003	ULN2003	-55 TO +125	.90	.75	.72	.65	
595-SG2004J	16P-DIP	6 TO 15 VOLT CMOS, PMOS DRIVER ARRAY			ULN2004	ULN2004	-55 TO +125	2.99	2.55	2.31	2.10	
595-SG2064W	16P-DIP	QUAD 1.5 AMP DARLINGTON SWITCH			ULN2064	ULN2064	0 TO +70	2.25	1.80	1.65	1.50	CALL FOR QUOTE
595-SG2068W	16P-DIP	QUAD 1.5 AMP DARLINGTON SWITCH			ULN2068	ULN2068	0 TO +70	2.25	1.80	1.65	1.50	
595-SG2074W	16P-DIP	QUAD 1.5 AMP DARLINGTON SWITCH			ULN2074	ULN2074	0 TO +70	2.25	1.80	1.65	1.50	

## POWER OUTPUT STAGES

STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			MOTOROLA	NATIONAL	TEXAS INST.	UNITROOE		1	25	50	100	250
595-SM600	TO-66	SWITCHING REGULATOR POWER OUTPUT STAGE				PIC600	-55 TO +125	5.44	5.10	4.93	4.76	CALL FOR QUOTE
595-SM610	TO-66	SWITCHING REGULATOR POWER OUTPUT STAGE				PIC610	-55 TO +125	5.44	5.10	4.93	4.76	

## OTHER CIRCUITS

STOCK NO.	CASE TYPE	DESCRIPTION	CROSS REFERENCE				OPERATING TEMP RANGE (°C)	PRICE EACH				
			FAIRCHILD	MOTOROLA	NATIONAL	TEXAS INST.		1	25	50	100	250
595-SG3183N	16P-DIP	HIGH CURRENT NPN TRANSISTOR ARRAY					-40 TO +85	1.70	1.45	1.32	1.20	CALL FOR QUOTE
595-SG1489AJ	14P-DIP	MONOLITHIC QUAD LINE RECEIVER	UA1489A	MC1489A	DS1489A	SN55189A	0 TO +75	2.80	2.40	2.15	1.95	
595-SG3503T	TO-39	PRECISION 2.5 VOLT REFERENCE		MC1503			0 TO +70	2.20	1.85	1.71	1.55	
595-SG1495N	14P-DIP	FOUR QUADRANT ANALOG MULTIPLIER		MC1495			0 TO +70	1.90	1.60	1.40	1.35	



## BUSINESS CREDIT APPLICATION

For your business to establish a permanent Net 30 account, please complete and return this application form to:

**CUSTOMER ACCOUNTS**  
**MOUSER ELECTRONICS**  
**P.O. BOX 719**  
**MANSFIELD, TX 76063**

Phone No. **817-483-0165**  
Fax No. **817-483-0931**

CHECK ALL THAT APPLY

- ☐ Corporation(s) ☐ Proprietorship  
☐ Partnership ☐ Technical School

Estimated Monthly Purchases \$ \_\_\_\_\_

Business Name \_\_\_\_\_ Phone No. \_\_\_\_\_

Billing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Shipping Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

☐ Branch of ☐ Division of ☐ Subsidiary of

Company Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

### OWNERS & OFFICERS

Name \_\_\_\_\_ Title \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

### ELECTRONIC TRADE REFERENCES

1. \_\_\_\_\_  
Company Name \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

2. \_\_\_\_\_  
Company Name \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Controller: \_\_\_\_\_  
Name \_\_\_\_\_ Phone No. \_\_\_\_\_

A/P SUPVR.: \_\_\_\_\_  
Name \_\_\_\_\_ Phone No. \_\_\_\_\_

Date Incorporated or Established \_\_\_\_\_

Approximate Annual Gross Sales \_\_\_\_\_

Approximate Number of Employees \_\_\_\_\_

### BANK REFERENCES

Account Number \_\_\_\_\_ TYPE \_\_\_\_\_ Date Opened \_\_\_\_\_

Bank Name \_\_\_\_\_ Contact \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

### PURCHASING & ENGINEERING CONTACTS

Name \_\_\_\_\_ Title \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

3. \_\_\_\_\_  
Company Name \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

4. \_\_\_\_\_  
Company Name \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

It is agreed that when a line of Credit is extended, payments will be made in accordance with our selling terms of Net 30 from date of invoice. Each Invoice will be subject to a 1.5% Finance Charge per month when not paid within 30 days.

Signature \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**MOUSER ELECTRONICS**



# ORDER FORM

THIS ORDER FORM NOT NEEDED  
FROM COMPANIES, GOVERNMENT,  
OR SCHOOLS.

DATE

**SHIP TO:**

NAME (PLEASE PRINT ALL INFORMATION)

ADDRESS

CITY STATE ZIP

( )

PHONE

## METHOD OF PAYMENT

- ☐ CREDIT CARD  
☐ C.O.D.  
☐ POSTAL MONEY ORDER  
☐ CHECK

## CREDIT CARD INFORMATION



## METHOD OF SHIPMENT

- ☐ UPS (GROUND)  
☐ UPS/AIR (2nd DAY - BLUE)  
☐ PARCEL POST  
☐ AIR PARCEL POST

ACCOUNT NUMBER

EXPIRATION DATE

AUTHORIZED SIGNATURE

LINE NO.	MOUSER STOCK NO.	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

TERMS OF SALE ON PAGE 3 OF THIS  
CATALOG APPLY TO ALL ORDERS.

IS THIS YOUR FIRST ORDER?  
☐ YES ☐ NO

IF OUT OF STOCK,  
SHALL WE:  
☐ BACKORDER?  
OR  
☐ CANCEL?

*Thank-you for your order.*

**MOUSER ELECTRONICS®**

2401 HWY 287 NORTH, MANSFIELD, TEXAS 76063

SUB-TOTAL  
FOR GOODS

SERVICE CHARGE  
LINE OUT IF ORDER  
TOTALS \$20.00 OR MORE

**+\$5.00**

SALES TAX

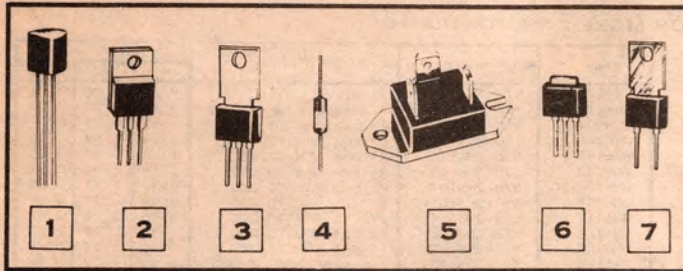
ADD: 6% IN CALIF.  
ADD: 7% IN TEXAS

SHIPPING CHARGES\*  
CHECK OR MONEY ORDER,  
ADD 10%.  
CREDIT OR REFUND  
WILL BE ISSUED FOR  
ANY OVER AMOUNT

**TOTAL  
AMOUNT**

\* CREDIT CARD & COD: SHIPPING CHARGES WILL  
BE ADDED TO INVOICE





## TRIACS

EXCEPT FIGS. 1 & 3

STOCK NO.	FIG.	CASE NO.	IT (RMS)	VDRM	IGT	VGT	PRICE EACH			
							1	10	100	1000
519-Q200E3	1	TO-92	1A	200V	10mA	2.0V	.78	.67	.55	CALL FOR QUOTE
519-Q400E3	1	TO-92	1A	400V	10mA	2.0V	.89	.76	.63	CALL FOR QUOTE
519-Q400L3	2	TO-220AB	3A	400V	10mA	2.0V	1.71	1.52	1.25	CALL FOR QUOTE
519-Q200F3	3	TO-220AB	4A	200V	10mA	2.0V	1.05	.89	.74	CALL FOR QUOTE
519-Q400F3	3	TO-220AB	4A	400V	25mA	2.5V	1.09	.93	.77	CALL FOR QUOTE
519-Q400L4	2	TO-220AB	4A	400V	25mA	2.5V	1.62	1.38	1.14	CALL FOR QUOTE
519-Q600L4	2	TO-220AB	4A	600V	25mA	2.5V	1.64	1.42	1.22	CALL FOR QUOTE
519-Q200L4	2	TO-220AB	6A	200V	25mA	2.5V	1.54	1.31	1.08	CALL FOR QUOTE
519-Q400L4	2	TO-220AB	6A	400V	25mA	2.5V	1.75	1.49	1.22	CALL FOR QUOTE
519-Q600L5	2	TO-220AB	8A	600V	50mA	2.5V	1.87	1.59	1.36	CALL FOR QUOTE
519-Q400L4	2	TO-220AB	8A	200V	25mA	2.5V	1.62	1.38	1.14	CALL FOR QUOTE
519-Q400L4	2	TO-220AB	8A	400V	25mA	2.5V	1.83	1.56	1.28	CALL FOR QUOTE
519-Q2010L4	2	TO-220AB	10A	200V	25mA	2.5V	1.80	1.58	1.21	CALL FOR QUOTE
519-Q4010L4	2	TO-220AB	10A	400V	25mA	2.5V	2.31	1.97	1.63	CALL FOR QUOTE
519-Q2015L5	2	TO-220AB	15A	200V	50mA	2.5V	2.14	1.88	1.44	CALL FOR QUOTE
519-Q4015L5	2	TO-220AB	15A	400V	50mA	2.5V	3.09	2.63	2.17	CALL FOR QUOTE

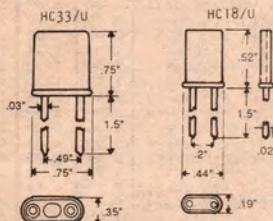
## SCR'S EXACT GE REPLACEMENTS

STOCK NO.	REPLACES	FIG	CASE NO.	IT (RMS)	VDRM	IGT	VGT	PRICE EACH			
								1	10	100	1000
519-T106Y1	C106Y1	3	TO-202	4A	30	200uA	0.8V	.62	.53	.43	CALL FOR QUOTE
519-T106A1	C106A1	3	TO-202AB	4A	100	200uA	0.8V	.64	.54	.45	CALL FOR QUOTE
519-T106B1	C106B1	3	TO-202	4A	200	200uA	0.8V	.66	.54	.46	CALL FOR QUOTE
519-T106C1	C106C1	3	TO-202AB	4A	300	200uA	0.8V	.71	.60	.50	CALL FOR QUOTE
519-T106D1	C106D1	3	TO-202	4A	400	200uA	0.8V	.81	.69	.57	CALL FOR QUOTE
519-T106F1	C106F1	3	TO-202AB	4A	50	200uA	0.8V	.63	.54	.44	CALL FOR QUOTE
519-T106G1	C106G1	3	TO-202AB	4A	15	200uA	0.8V	.56	.48	.43	CALL FOR QUOTE
519-T106B2	C106B2	6	TO-202	4A	200	200uA	0.8V	.68	.58	.47	CALL FOR QUOTE
519-T106D3	C106D3	7	TO-202	4A	400	200uA	0.8V	.85	.77	.59	CALL FOR QUOTE

## LOGIC TRIACS

STOCK NO.	FIG.	CASE NO.	IT (RMS)	VDRM	IGT	VGT	PRICE EACH			
							1	10	100	1000
519-L201E3	1	TO-92	1A	200V	3mA	2.0V	1.05	.89	.76	CALL FOR QUOTE
519-L200F3	3	TO-202AB	4A	200V	3mA	2.0V	1.22	1.14	.94	CALL FOR QUOTE
519-L200F5	3	TO-202AB	4A	200V	5mA	2.0V	1.12	1.06	.86	CALL FOR QUOTE
519-L400F3	3	TO-202AB	4A	400V	3mA	2.0V	1.36	1.14	.92	CALL FOR QUOTE
519-L401E3	1	TO-92	1A	400V	3mA	2.0V	.84	.80	.76	CALL FOR QUOTE

## MOUSER® MICROPROCESSOR CRYSTALS



### SPECIFICATIONS

- OPERATING TEMP: -10°C TO +50°C
- LOAD CAPACITANCE: 30pF TO 12pF
- FREQ. TOLERANCE: ±20x10<sup>-6</sup> (AT 25°C)
- EFFECTIVE RESISTANCE: 90 OHM MAX
- DRIVE LEVEL: 1.0 ± 0.2mW

STOCK NO.	FREQUENCY MHZ	MICROPROCESSOR	PRICE EACH			
			1	10	50	100
HC33U CRYSTALS						
ME332-2010	1.000000	6800/S6800	9.89	9.71	9.33	CALL FOR QUOTE
ME332-2018	1.843200	MC/4411	6.65	5.54	4.44	CALL FOR QUOTE
ME332-2020	2.000000	2650A/F-8	5.22	3.98	3.63	CALL FOR QUOTE
ME332-2021	2.097152	MM5378/MM5379	4.96	3.78	3.32	CALL FOR QUOTE
ME332-2024	2.457600	1M6100A	4.96	3.78	3.32	CALL FOR QUOTE

## QUADRAC's® INTERNALLY TRIGGERED TRIACS

EXCEPT FIG. 3

STOCK NO.	FIG.	CASE NO.	IT (RMS)	VDRM	ITSM 60Hz	PRICE EACH			
						1	10	100	1000
519-Q6004FT1	3	TO-202	4A	600V	40	1.69	1.44	1.19	CALL FOR QUOTE
519-Q4004LT	2	TO-220AB	4A	400V	40	1.80	1.58	1.20	CALL FOR QUOTE
519-Q4006LT	2	TO-220AB	6A	400V	80	1.95	1.66	1.37	CALL FOR QUOTE
519-Q4008LT	2	TO-220AB	8A	400V	100	2.03	1.73	1.43	CALL FOR QUOTE
519-Q4010LT	2	TO-220AB	10A	400V	120	2.59	2.21	1.83	CALL FOR QUOTE
519-Q2015LT	2	TO-220AB	15A	200V	150	2.44	2.14	1.65	CALL FOR QUOTE

## SCR'S

EXCEPT FIG. 3

STOCK NO.	FIG.	CASE NO.	IT (RMS)	VDRM	IGT	VGT	PRICE EACH			
							1	10	100	1000
519-2N6564	1	TO-92	0.8A	300V	200uA	0.8V	.56	.53	.48	CALL FOR QUOTE
519-2N6565	1	TO-92	0.8A	400V	200uA	0.8V	.57	.54	.49	CALL FOR QUOTE
519-2N6566	1	TO-92	0.8A	30V	200uA	0.8V	.46	.38	.35	CALL FOR QUOTE
519-2N6567	1	TO-92	0.8A	100V	200uA	0.8V	.48	.42	.33	CALL FOR QUOTE
519-EC103Y	1	TO-92	0.8A	200V	200uA	0.8V	.54	.48	.42	CALL FOR QUOTE
519-EC103B	1	TO-92	0.8A	30V	200uA	0.8V	.36	.31	.25	CALL FOR QUOTE
519-EC103D	1	TO-92	0.8A	200V	200uA	0.8V	.44	.39	.35	CALL FOR QUOTE
519-EC103D	1	TO-92	0.8A	400V	200uA	0.8V	.58	.53	.46	CALL FOR QUOTE
519-S2003LS1	2	TO-220AB	3.0A	200V	50mA	0.8V	1.18	1.04	.83	CALL FOR QUOTE
519-S2003LS2	2	TO-220AB	3.0A	200V	200uA	0.8V	1.13	.96	.79	CALL FOR QUOTE
519-S4006L	2	TO-220AB	6.0A	400V	15mA	1.5V	1.38	1.18	.97	CALL FOR QUOTE
519-S4008FS21	3	TO-202AB	8.0A	400V	200uA	0.8V	1.26	1.08	.89	CALL FOR QUOTE
519-S4008L	2	TO-220AB	8.0A	400V	15mA	1.5V	1.46	1.24	1.02	CALL FOR QUOTE
519-S6010F1	3	TO-202AB	10.0A	600V	15mA	0.5V	1.99	1.73	1.43	CALL FOR QUOTE
519-S2010LS2	2	TO-220AB	10.0A	200V	200uA	0.8V	1.54	1.31	1.08	CALL FOR QUOTE
519-S4010L	2	TO-220AB	10.0A	400V	15mA	1.5V	1.54	1.31	1.08	CALL FOR QUOTE
519-S2020L	2	TO-220AB	20.0A	200V	30mA	1.5V	1.99	1.74	1.44	CALL FOR QUOTE

## DIACS

STOCK NO.	FIG.	CASE NO.	VRC MIN	VBO MAX	IBO MIN	PRICE EACH			
						1	10	100	1000
519-HT-32	4	DO-35	27V	37V	50mA	.33	.30	.25	CALL FOR QUOTE
519-HT-40	4	DO-35	35V	45V	50mA	.36	.33	.30	CALL FOR QUOTE
519-HT-50	4	DO-35	56V	70V	50mA	.38	.36	.33	CALL FOR QUOTE

## FASTPAK TRIACS

STOCK NO.	FIG.	IT (RMS)	VDRM	IGT	VGT	PG (AV) WATTS	PRICE EACH			
							1	10	100	1000
519-Q2025P	5	25A	200V	80mA	2.5V	0.5W	6.69	6.37	6.07	CALL FOR QUOTE
519-Q4025P	5	25A	400V	80mA	2.5V	0.5W	8.99	7.66	6.32	CALL FOR QUOTE
519-Q6025P	5	25A	600V	80mA	2.5V	0.5W	10.29	8.78	7.26	CALL FOR QUOTE

## POWER RECTIFIERS

STOCK NO.	FIG.	CASE NO.	IT (RMS)	VOLTS	PRICE EACH			
					1	10	100	1000
519-D2015L	2	TO-220AB	15A	200V	1.49	1.31	1.01	CALL FOR QUOTE
519-D4015L	2	TO-220AB	15A	400V	1.59	1.39	1.08	CALL FOR QUOTE
519-D2020L	2	TO-220AB	20A	200V	1.59	1.39	1.08	CALL FOR QUOTE



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FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFG#	MOUSER PART NO	DESCRIPTION	PRICE EACH		
			1	10	100
2N686	570-2N686	POWER SCR TO-48	5.33	4.80	4.30
2N688	570-2N688	POWER SCR TO-48	6.45	5.81	5.18
2N690	570-2N690	POWER SCR TO-48	7.64	6.99	6.12
2N697	570-2N697	PT HI-SP-SW NPN TO39	0.99	0.54	0.50
2N699	570-2N699	PT HI-SP-SW NPN TO39	0.99	0.87	0.75
2N1479	570-2N1479	PT HOM NPN TO-39	1.22	1.10	0.89
2N1480	570-2N1480	PT HOM NPN TO-39	1.41	1.27	1.13
2N1482	570-2N1482	PT HOM NPN TO-39	1.59	1.43	1.27
2N1613	570-2N1613	PT HI-SP-SW NPN TO39	0.72	0.65	0.58
2N1700	570-2N1700	PT HOM NPN TO-39	2.01	1.81	1.61
2N1893	570-2N1893	PT HI-SP-SW NPN TO39	0.77	0.69	0.62
2N2102	570-2N2102	PT HI-SP-SW NPN TO39	0.92	0.83	0.74
2N2270	570-2N2270	PT HI-SP-SW NPN TO39	0.70	0.63	0.56
2N2405	570-2N2405	NPN SW TRANS TO-5	1.74	1.57	1.41
2N3053	570-2N3053	PT HI-SP-SW NPN TO39	0.60	0.54	0.48
2N3055	570-2N3055	PT EPI NPN TO-3	0.72	0.65	0.58
2N3228	570-2N3228	POWER SCR TO-66	1.47	1.29	1.11
2N3439	570-2N3439	PT HI-VOLT NPN TO-39	1.17	1.05	0.94
2N3440	570-2N3440	PT HI-VOLT NPN TO-39	0.77	0.69	0.62
2N3441	570-2N3441	PT HOM NPN TO-66	1.20	1.08	0.96
2N3442	570-2N3442	PT HOM NPN TO-3	1.58	1.42	1.26
2N3525	570-2N3525	POWER SCR TO-66	1.82	1.64	1.46
2N3583	570-2N3583	PT HI-VOLT NPN TO-66	1.29	1.16	1.03
2N3584	570-2N3584	PT HI-VOLT NPN TO-66	1.88	1.69	1.50
2N3585	570-2N3585	PT HI-VOLT NPN TO-66	1.95	1.76	1.56
2N3669	570-2N3669	POWER SCR TO-3	3.41	3.07	2.73
2N3670	570-2N3670	POWER SCR TO-3	4.11	3.70	3.29
2N3771	570-2N3771	PT HOM NPN TO-3	1.44	1.30	1.15
2N3772	570-2N3772	PT HOM NPN TO-3	1.52	1.37	1.22
2N3792	570-2N3792	PT EPI NPN TO-3	1.59	1.43	1.27
2N3878	570-2N3878	PWR SCR PRES-FIT	1.92	1.80	1.74
2N3879	570-2N3879	PT HI-SP-SW NPN TO66	2.78	2.50	2.22
2N3898	570-2N3898	PWR SCR STUD	6.45	5.81	5.16
2N3899	570-2N3899	PWR SCR STUD	7.88	7.09	6.30
2N4036	570-2N4036	SMALL MTL PNP TO-39	0.78	0.70	0.63
2N4037	570-2N4037	PT HI-SP-SW TO-39	0.78	0.67	0.56
2N4063	570-2N4063	PT HI-VOLT NPN TO-39	1.34	1.21	1.07
2N4101	570-2N4101	POWER SCR TO-66	2.28	2.05	1.82
2N4240	570-2N4240	PT HI-VOLT NPN TO-66	1.94	1.83	1.74
2N4314	570-2N4314	PT HI-SP-SW PNP TO39	0.83	0.75	0.66
2N4347	570-2N4347	PT HOM NPN TO-3	1.39	1.23	1.07
2N4348	570-2N4348	PT HOM NPN TO-3	2.48	2.23	1.98
2N4698	570-2N4698	PT EPI PNP TO-66	1.34	1.21	1.07
2N4905	570-2N4905	PT EPI PNP TO-3	2.15	1.89	1.63
2N5038	570-2N5038	PT HI-SP-SW TO-3	4.79	4.31	3.83
2N5039	570-2N5039	PT HI-SP-SW TO-3	4.19	3.77	3.35
2N5239	570-2N5239	PT HI-VOLT NPN TO-3	5.99	5.39	4.79
2N5240	570-2N5240	PT HI-VOLT NPN TO-3	6.48	5.83	5.18
2N5294	570-2N5294	PT HOM NPN TO-220	0.73	0.63	0.54
2N5295	570-2N5295	PT HOM NPN TO-220	0.73	0.63	0.54
2N5296	570-2N5296	PT HOM NPN TO-220	0.73	0.63	0.54
2N5298	570-2N5298	PT HOM NPN TO-220	0.74	0.65	0.56
2N5301	570-2N5301	PT EPI NPN TO-3	2.18	1.96	1.74
2N5302	570-2N5302	PT EPI NPN TO-3	2.70	2.43	2.16
2N5303	570-2N5303	GEN PUR NPN TO-3	1.14	0.99	0.87
2N5320	570-2N5320	PT HI-SP-SW NPN TO39	1.14	0.81	0.73
2N5321	570-2N5321	PT HI-SP-SW NPN TO39	0.90	0.81	0.73
2N5322	570-2N5322	PT HI-SP-SW PNP TO39	1.50	1.35	1.20
2N5323	570-2N5323	PT HI-SP-SW PNP TO39	0.96	0.86	0.77
2N5415	570-2N5415	PT HI-VOLT PNP TO-39	1.26	1.13	1.01
2N5416	570-2N5416	PT HI-VOLT PNP TO-39	1.50	1.35	1.20
2N5444	570-2N5444	PWR TRIAC STUD	6.15	5.54	4.92
2N5445	570-2N5445	PWR TRIAC STUD	7.31	6.58	5.85
2N5490	570-2N5490	PT HOM NPN TO-220	0.96	0.84	0.72
2N5492	570-2N5492	PT HOM NPN TO-220	1.01	0.91	0.81
2N5494	570-2N5494	PT HOM NPN TO-220	1.01	0.91	0.81
2N5496	570-2N5496	PT HOM NPN TO-220	1.08	0.97	0.88
2N5629	570-2N5629	GEN PUR NPN TO-3	3.95	3.56	3.16
2N5630	570-2N5630	NPN HI-PWR TRAN TO-3	4.73	4.26	3.83
2N5631	570-2N5631	NPN HI-PWR TRAN TO-3	5.21	4.69	4.22
2N5671	570-2N5671	HI-SP SW PNP NPN TO-3	8.09	7.29	6.47
2N5672	570-2N5672	PT HI-SP-SW NPN TO-3	9.33	8.40	7.46
2N5757	570-2N5757	PWR TRIAC MOD TO-5	2.10	1.89	1.68
2N5781	570-2N5781	PT EPI PNP TO-39	1.59	1.43	1.27
2N5782	570-2N5782	PT EPI PNP TO-39	1.56	1.40	1.25
2N5783	570-2N5783	PNP AF MED PWR TO-39	1.52	1.37	1.23
2N5784	570-2N5784	PT HOM NPN TO-39	1.32	1.19	1.06
2N5785	570-2N5785	PT HOM NPN TO-39	1.14	1.03	0.91
2N5786	570-2N5786	PT HOM NPN TO-39	1.04	0.94	0.83
2N5839	570-2N5839	HI-VOLT PWR NPN TO-3	5.28	4.75	4.22
2N5840	570-2N5840	HI-VOLT PWR NPN TO-3	5.58	5.02	4.46
2N5871	570-2N5871	GEN PUR PNP TO-3	1.47	1.32	1.18
2N5872	570-2N5872	GEN PUR PNP TO-3	1.80	1.62	1.44
2N5873	570-2N5873	GEN PUR NPN TO-3	1.26	1.13	1.01
2N5874	570-2N5874	GEN PUR NPN TO-3	1.83	1.65	1.46
2N5875	570-2N5875	PT EPI PNP TO-3	1.52	1.37	1.22
2N5876	570-2N5876	PT EPI PNP TO-3	2.06	1.85	1.65
2N5877	570-2N5877	GEN PUR NPN TO-3	1.46	1.31	1.17
2N5878	570-2N5878	PT EPI NPN TO-3	2.03	1.77	1.52
2N5882	570-2N5882	PT EPI NPN TO-3	2.24	2.02	1.79
2N5885	570-2N5885	GEN PUR NPN TO-3	2.90	2.61	2.32
2N5886	570-2N5886	PT EPI NPN TO-3	3.35	3.02	2.68
2N5954	570-2N5954	PT EPI PNP TO-66	1.65	1.49	1.32
2N5955	570-2N5955	PT EPI PNP TO-66	1.47	1.32	1.18
2N5956	570-2N5956	PT EPI PNP TO-66	1.32	1.19	1.06
2N6032	570-2N6032	HI-SP SW PNP NPN TO-3	15.26	13.73	12.21
2N6033	570-2N6033	HI-SP SW PNP NPN TO-3	16.97	15.27	13.58
2N6043	570-2N6043	PWR PLAS CASE TO-220	1.82	1.64	1.48
2N6044	570-2N6044	IPWR PLAS CASE TO-220	1.95	1.76	1.58
2N6045	570-2N6045	IDARLNTN NPN TO-220AB	2.12	1.91	1.70
2N6050	570-2N6050	POWER METAL TO-3	3.59	3.23	2.90
2N6051	570-2N6051	POWER METAL TO-3	3.99	3.59	3.23
2N6052	570-2N6052	POWER METAL TO-3	4.47	4.02	3.62
2N6055	570-2N6055	PT DAR NPN TO-3	1.70	1.50	1.31
2N6056	570-2N6056	DARLINGTON NPN TO-3	1.88	1.69	1.50
2N6057	570-2N6057	DARLINGTON NPN TO-3	2.96	2.66	2.37
2N6058	570-2N6058	DARLINGTON NPN TO-3	3.20	2.88	2.56
2N6059	570-2N6059	DARLINGTON NPN TO-3	3.57	3.21	2.86

MFG#	MOUSER PART NO	DESCRIPTION	PRICE EACH		
			1	10	100
2N6078	570-2N6078	PT HI-VOLT NPN TO-66	2.64	2.38	2.11
2N6079	570-2N6079	PT HI-VOLT NPN TO-66	3.15	2.84	2.52
2N6099	570-2N6099	PT HOM PNP TO-220	1.07	0.93	0.79
2N6100	570-2N6100	PT HOM NPN TO-220	1.15	0.99	0.85
2N6101	570-2N6101	PT HOM NPN TO-220	1.15	0.99	0.85
2N6103	570-2N6103	PT HOM NPN TO-220	1.15	0.99	0.87
2N6107	570-2N6107	PT EPI PNP TO-220	0.84	0.77	0.69
2N6109	570-2N6109	PT EPI PNP TO-220	0.84	0.77	0.69
2N6111	570-2N6111	PT EPI PNP TO-220	0.80	0.73	0.67
2N6121	570-2N6121	PT EPI NPN TO-220	0.54	0.49	0.43
2N6122	570-2N6122	PT EPI NPN TO-220	0.60	0.54	0.48
2N6123	570-2N6123	PWR PLAS NPN TO-220	0.65	0.58	0.52
2N6124	570-2N6124	PT EPI PNP TO-220	0.60	0.54	0.48
2N6125	570-2N6125	PWR PLAS CASE TO-220	0.65	0.59	0.53
2N6126	570-2N6126	PWR PLAS CASE TO-220	0.77	0.64	0.58
2N6211	570-2N6211	PT HI-VOLT PNP TO-66	1.94	1.75	1.55
2N6214	570-2N6214	PT HI-VOLT PNP TO-66	4.25	3.83	3.40
2N6246	570-2N6246	PT EPI PNP TO-3	1.98	1.74	1.51
2N6248	570-2N6248	PT EPI PNP TO-3	2.72	2.41	2.18
2N6249	570-2N6249	HI-VOLT PWR NPN TO-3	4.91	4.44	3.93
2N6250	570-2N6250	PWR METAL NPN TO-3	5.76	5.18	4.66
2N6251	570-2N6251	PT HI-VOLT NPN TO-3	6.18	5.56	4.94
2N6254	570-2N6254	PT HOM NPN TO-3	1.68	1.51	1.34
2N6259	570-2N6259	PT HOM NPN TO-3	5.99	5.39	4.79
2N6262	570-2N6262	PT HOM NPN TO-3	3.44	3.10	2.75
2N6282	570-2N6282	PT DAR NPN TO-3	2.96	2.66	2.37
2N6283	570-2N6283	DARLINGTON NPN TO-3	3.91	3.16	2.81
2N6284	570-2N6284	PT DAR NPN TO-3	4.66	4.19	3.73
2N6285	570-2N6285	PT DAR NPN TO-3	3.49	3.05	2.61
2N6286	570-2N6286	PT DAR PNP TO-3	4.97	4.47	3.98
2N6287	570-2N6287	PT DAR PNP TO-3	5.44	4.90	4.35
2N6288	570-2N6288	PT EPI NPN TO-220	0.74	0.66	0.59
2N6290	570-2N6290	PT EPI NPN TO-220	0.78	0.70	0.63
2N6292	570-2N6292	PT EPI NPN TO-220	0.78	0.70	0.63
2N6343A	570-2N6343A	POWER TRIAC TO-220	1.74	1.57	1.39
2N6354	570-2N6354	PT HI-SP-SW NPN TO-3	5.67	5.10	4.54
2N6383	570-2N6383	PT DAR NPN TO-3	1.61	1.41	1.21
2N6384	570-2N6384	DARLINGTON NPN TO-3	1.83	1.74	1.54
2N6385	570-2N6385	PT DAR NPN TO-3	1.98	1.74	1.51
2N6386	570-2N6386	PT DAR NPN TO-220	0.84	0.76	0.67
2N6387	570-2N6387	PT DAR NPN TO-220	0.92	0.83	0.74
2N6388	570-2N6388	PT DAR NPN TO-220	1.04	0.94	0.83
2N6394	570-2N6394	PWR THY 12A SCR	1.14	1.03	0.93
2N6469	570-2N6469	PT EPI PNP TO-3	1.81	1.59	1.38
2N6473	570-2N6473	PT EPI NPN TO-220	0.90	0.80	0.70
2N6474	570-2N6474	PT EPI NPN TO-220	0.93	0.82	0.71
2N6476	570-2N6476	PWR DAR 15A TO-204AA	1.02	0.89	0.78
2N6478	570-2N6478	PT HOM NPN TO-220	1.36	1.17	0.99
2N6486	570-2N6486	PWR PLAS CASE TO-220	1.02	0.92	0.83
2N6487	570-2N6487	PT EPI NPN TO-220	1.17	1.05	0.94
2N6488	570-2N6488	PWR PLAS CASE TO-220	1.44	1.30	1.17
2N6489	570-2N6489	PT EPI PNP TO-220	1.14	1.02	0.91
2N6490	570-2N6490	IPWR PLASTIC TO-220	1.28	1.15	1.04
2N6491	570-2N6491	GEN PUR NPN TO-220AB	1.56	1.40	1.25
2N6496	570-2N6496	HI-SP SW PNP NPN TO-3	5.93	5.34	4.74
2N6500	570-2N6500	PT HI-SP-SW NPN TO66	2.64	2.33	2.04
2N6531	570-2N6531	PT DAR NPN TO-220	1.75	1.54	1.33
2N6532	570-2N6532	DARLNTN NPN TO-220AB	2.15	1.89	1.60
2N6533	570-2N6533	PT DAR NPN TO-220	3.89	3.47	3.05
2N6544	570-2N6544	PWR SW 5A TO-204AA	2.95	2.63	2.31
2N6545	570-2N6545	PWR SW 5A TO-204AA	3.99	3.23	2.91
2N6546	570-2N6546	PWR SW 10A TO-204AA	6.76	6.26	5.64
2N6576	570-2N6576	DARLINGTON NPN TO-3	1.46	1.31	1.17
2N6577	570-2N6577	PWR DAR 15A TO-204AA	1.59	1.43	1.27
2N6578	570-2N6578	PT DAR NPN TO-3	1.80	1.62	1.44
2N6609	570-2N6609	PT EPI PNP TO-3	3.32	2.99	2.66
2N6648	570-2N6648	PWR DAR 10A TO-204AA	1.82	1.64	1.46
2N6649	570-2N6649	PWR DAR 10A TO-204AA	2.00	1.80	1.60
2N6650	570-2N6650	PWR DAR 10A TO-204AA	2.19	1.97	1.75
2N6666	570-2N6666	PWR DAR 10A TO-220AB	1.26	1.13	1.01
2N6667	570-2N6667	PWR DAR 10A TO-220AB	1.39	1.21	1.04
2N6668	570-2N6668	PWR DAR 10A TO-220AB	1.50	1.35	1.22
2N6671	570-2N6671	HI-VOLT PWR TO-204AA	3.32	2.99	2.66
2N6672	570-2N6672	HI-VOLT PWR TO-204AA	3.74	3.37	2.99
2N6673	570-2N6673	HI-VOLT PWR TO-204AA	4.40	3.96	3.56
2N6674	570-2N6674	HI-VOLT PWR TO-204AA	6.12	5.51	4.90
2N6675	570-2N6675	HI-VOLT PWR TO-204AA	6.30	5.67	5.04
2N6678	570-2N6678	PT HI-VOLT NPN TO-3	8.99	8.12	7.22
2N6687	570-2N6687	PT HI-VOLT NPN TO-3	8.42	7.58	6.74
2N6702	570-2N6702	VERSAWATT TO-220AB	1.38	1.24	1.10
2N6703	570-2N6703	VERSAWATT TO-220AB	1.50	1.35	1.20
2N6740	570-2N6740	HI-SP-SW NPN TO-220	1.81	1.70	1.53
3N1142	570-3N1142	N-CHAN MOS FET TO-72	2.49	2.24	2.01
3N1152	570-3N1152	N-CHAN MOS FET TO-72	3.99	3.59	3.23
3N1187	570-3N1187	DIODE PROTEC MOS/FET	3.26	2.93	2.64
3N200	570-3N200	DIODE PROTEC MOS/FET	5.08	4.63	4.19
3N211	570-3N211	DIODE PROTEC MOS/FET	2.99	2.73	2.48
40251	570-40251	PT HOM NPN TO-3	1.05	0.95	0.84
40313	570-40313	PT HI-VOLT NPN TO-66	1.64	1.48	1.31
40314	570-40314	PT HI-SP-SW NPN TO39	0.66	0.59	0.53
40316	570-40316	PT HI-VOLT NPN TO-66	1.08	0.98	0.88
40318	570-40318	PT HI-VOLT NPN TO-66	1.64	1.47	1.36
40319	570-40319	PT HI-SP-SW NPN TO39	0.83	0.75	0.68
40321	570-40321	TV HI-VOLT TO-39	0.99	0.89	0.79
40322	570-40322	PT HI-VOLT NPN TO-66	1.65	1.47	1.30
40327	570-40327	PT HI-VOLT NPN TO-39	1.04	0.94	0.83
40346	570-40346	PT HI-VOLT NPN TO-39	0.77	0.69	0.62
40347	570-40347	PT HOM NPN TO-39	1.08	0.97	0.86
40347V1	570-40347V1	PT HOM NPN TO-39	1.26	1.14	1.03
40348	570-40348	GEN PUR PWR TRANS	1.16	1.05	0.95
40362	570-40362	PT HI-SP-SW NPN TO39	0.83	0.75	0.66
40373	570-40373	PT HOM NPN TO-66	1.82	1.64	1.46
40374	570-40374	PT HI-VOLT NPN TO-66	1.65	1.47	1.30
40389	570-40389	PT HI-SP-SW NPN TO39	0.71	0.64	0.57
40390	570-40390	PT HI-VOLT NPN TO-39	1.10	1.00	0.92
40394	570-40394	PT HI-SP-SW NPN TO39	0.95	0.86	0.77
40406	570-40406	PT HI-SP-SW PNP TO39	0.80	0.72	0.64



# RCA Transistors

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFG#	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
40407	570-40407	PT HI-SP-SW NPN TO39	0.62	0.56	0.50
40408	570-40408	PT HI-SP-SW NPN TO39	0.90	0.81	0.72
40410	570-40410	PT HI-SP-SW PNP TO39	0.99	0.89	0.79
40412	570-40412	PT HI-VOLT NPN TO-39	1.14	1.03	0.91
40468A	570-40468A	N-CHAN MOS FET TO-72	2.49	2.23	1.99
40600	570-40600	DUAL GATE MOS/FET	1.54	1.39	1.27
40820	570-40820	DIODE PROTEC MOS/FET	1.16	1.04	0.93
40821	570-40821	DIODE PROTEC MOS/FET	1.10	0.99	0.89
40822	570-40822	DIODE PROTEC MOS/FET	1.05	0.95	0.85
40823	570-40823	DIODE PROTEC MOS/FET	1.01	0.91	0.82
40850	570-40850	PT HI-VOLT NPN TO-66	2.37	2.13	1.90
40913	570-40913	PT HCM NPN TO-66	2.07	1.86	1.67
BDX33A	570-BDX33A	PT DAR NPN TO-220	1.19	1.05	0.91
BFT198	570-BFT198	PT HI-VOLT PNP TO-39	1.71	1.52	1.33
C1068	570-C1068	POWER SCR TO-202	0.93	0.48	0.42
C122E	570-C122E	POWER SCR TO-202	1.40	1.25	1.11
MJ2955	570-MJ2955	PT EPI PNP TO-3	1.52	1.77	1.22
MJ15003	570-MJ15003	PT EPI NPN TO-3	4.10	3.69	3.28
MJ15004	570-MJ15004	TO-3 POWER METAL	4.10	3.69	3.32
MJ15022	570-MJ15022	TO-3 POWER METAL	4.79	4.31	3.88
MJ15024	570-MJ15024	TO-3 POWER METAL	5.58	5.02	4.52
RCA1A10	570-RCA1A10	PT HI-VOLT PNP TO-39	0.83	0.73	0.63
RCA1B04	570-RCA1B04	PT HI-VOLT NPN TO-3	5.88	5.29	4.70
RCA1B05	570-RCA1B05	PT HI-VOLT NPN TO-3	6.18	5.63	5.14
RCA1C12	570-RCA1C12	PT EPI NPN TO-220	1.16	0.99	0.87
RCA1C13	570-RCA1C13	PT EPI NPN TO-220	1.16	0.99	0.87
RCA410	570-RCA410	PT HI-VOLT NPN TO-3	4.88	4.39	3.90
RCA411	570-RCA411	PT HI-VOLT NPN TO-3	2.94	2.65	2.35
RCA413	570-RCA413	PT HI-VOLT NPN TO-3	4.95	4.46	3.96
RCA423	570-RCA423	PT HI-VOLT NPN TO-3	3.69	3.32	2.95
RCA3055	570-RCA3055	PT EPI NPN TO-220	0.93	0.81	0.69
S20608	570-S20608	POWER SCR TO-220	0.71	0.64	0.57
S20609	570-S20609	POWER SCR TO-220	0.89	0.80	0.71
S2060E	570-S2060E	POWER SCR TO-220	0.98	0.88	0.78
S26008	570-S26008	POWER SCR TO-5	1.41	1.24	1.07
S2600M	570-S2600M	POWER SCR TO-5	2.10	1.89	1.68
S28008	570-S28008	POWER TRIAC TO-220	1.05	0.95	0.84
S2800D	570-S2800D	POWER SCR TO-220	1.32	1.19	1.06
S6420A	570-S6420A	PWR SCR ISO-STUD	4.76	4.28	3.81
S6420B	570-S6420B	PWR SCR ISO-STUD	6.39	5.75	5.11
S6420M	570-S6420M	PWR SCR ISO-STUD	8.66	7.79	6.93
SC1418	570-SC1418	POWER TRIAC TO-220	1.10	0.99	0.88
SC141D	570-SC141D	TO-220 6 AMP	1.22	1.10	0.99
SC141M	570-SC141M	TO-220AB 6A 600V	1.32	1.37	1.22
SC1468	570-SC1468	TO-220AB 10A 200V	1.22	1.10	0.98
SC146D	570-SC146D	TO-220AB 10A 400V	1.35	1.22	1.08
SC146M	570-SC146M	TO-220AB 10A 600V	1.71	1.54	1.37
T23008	570-T23008	PWR TRIAC MOD TO-5	1.08	0.97	0.86
T2301D	570-T2301D	PWR TRIAC MOD TO-5	1.08	0.97	0.86
T2302A	570-T2302A	PWR TRIAC MOD TO-5	0.77	0.69	0.62
T2302B	570-T2302B	PWR TRIAC MOD TO-5	0.84	0.76	0.67
T2302D	570-T2302D	PWR TRIAC MOD TO-5	0.90	0.81	0.72
T25008	570-T25008	POWER TRIAC TO-220	1.10	0.99	0.88
T2500D	570-T2500D	POWER TRIAC TO-220	1.22	1.10	0.98
T27008	570-T27008	POWER TRIAC TO-66	1.56	1.40	1.25
T2700D	570-T2700D	POWER TRIAC TO-66	1.70	1.53	1.36
T2706D	570-T2706D	POWER TRIAC TO-66	1.86	1.69	1.46
T2716D	570-T2716D	PWR TRIAC TO66 HTRD	1.92	1.70	1.47

MFG#	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
T28008	570-T28008	POWER TRIAC TO-220	1.17	1.05	0.94
T2800D	570-T2800D	POWER TRIAC TO-220	1.32	1.19	1.06
T2800M	570-T2800M	POWER TRIAC TO-220	1.65	1.49	1.32
T28068	570-T28068	POWER TRIAC TO-220	1.28	1.15	0.99
T2806D	570-T2806D	POWER TRIAC TO-220	1.46	1.31	1.17
T28508	570-T28508	PWR TRIAC ISO WATT	2.19	1.97	1.75
T4120D	570-T4120D	PWR TRIAC ISO STUD	5.07	4.56	4.06
T4121D	570-T4121D	PWR TRIAC ISO STUD	5.07	4.56	4.06
T47008	570-T47008	POWER TRIAC TO-66	1.80	1.62	1.44
T4700D	570-T4700D	POWER TRIAC TO-66	2.04	1.84	1.63
T6001B	570-T6001B	POWER TRIAC TO-220	1.53	1.38	1.22
T6411B	570-T6411B	PWR TRIAC STUD	5.00	4.50	4.00
T6420D	570-T6420D	PWR TRIAC ISO STUD	8.48	7.63	6.78
T6420M	570-T6420M	PWR TRIAC ISO STUD	10.23	9.21	8.18
T6421D	570-T6421D	PWR TRIAC ISO STUD	7.08	6.37	5.66
T6421M	570-T6421M	PWR TRIAC ISO STUD	8.48	7.63	6.78
TIP29	570-TIP29	AF TRANS NPN TO-220	0.48	0.43	0.38
TIP29A	570-TIP29A	PT EPI NPN TO-220	0.48	0.43	0.38
TIP29B	570-TIP29B	PWR PLASTIC TO-220	0.50	0.45	0.40
TIP29C	570-TIP29C	PT EPI NPN TO-220	0.53	0.48	0.42
TIP30	570-TIP30	PWR PLASTIC TO-220	0.47	0.42	0.38
TIP30A	570-TIP30A	PT EPI PNP TO-220	0.48	0.43	0.38
TIP30B	570-TIP30B	PT EPI PNP TO-220	0.50	0.45	0.40
TIP30C	570-TIP30C	PWR PLASTIC TO-220	0.53	0.48	0.42
TIP31	570-TIP31	GEN PUR NPN TO-220	0.47	0.42	0.38
TIP31A	570-TIP31A	PT EPI NPN TO-220	0.48	0.43	0.38
TIP31B	570-TIP31B	PWR PLASTIC TO-220	0.50	0.45	0.40
TIP31C	570-TIP31C	PT EPI NPN TO-220	0.47	0.42	0.38
TIP32	570-TIP32	PWR PLASTIC TO-220	0.47	0.42	0.38
TIP32A	570-TIP32A	PT EPI PNP TO-220	0.48	0.43	0.38
TIP32C	570-TIP32C	PT EPI PNP TO-220	0.53	0.48	0.42
TIP41	570-TIP41	PT EPI NPN TO-220	0.53	0.48	0.42
TIP41A	570-TIP41A	PT EPI NPN TO-220	0.54	0.49	0.43
TIP41B	570-TIP41B	PT EPI NPN TO-220	0.56	0.50	0.45
TIP41C	570-TIP41C	PT EPI NPN TO-220	0.59	0.53	0.47
TIP42	570-TIP42	PT EPI PNP TO-220	0.78	0.70	0.62
TIP42A	570-TIP42A	PWR PLASTIC TO-220	0.80	0.72	0.64
TIP42B	570-TIP42B	TO-220AB GEN PUR PNP	0.83	0.75	0.66
TIP42C	570-TIP42C	PT EPI NPN TO-220	0.84	0.76	0.67
TIP47	570-TIP47	PWR PLASTIC TO-220	0.71	0.64	0.57
TIP48	570-TIP48	TO-3 HI-VOLT PUR NPN	0.80	0.72	0.64
TIP49	570-TIP49	TO-3 HI-VOLT PUR NPN	0.90	0.81	0.72
TIP50	570-TIP50	PWR PLASTIC TO-220	0.98	0.88	0.78
TIP100	570-TIP100	PWR PLASTIC TO-220	0.65	0.59	0.52
TIP101	570-TIP101	PWR PLASTIC TO-220	0.66	0.59	0.52
TIP102	570-TIP102	PT DAR NPN TO-220	0.68	0.61	0.54
TIP110	570-TIP110	PWR PLASTIC TO-220	0.48	0.43	0.38
TIP111	570-TIP111	TO-220AB DARLNTN NPN	0.50	0.45	0.40
TIP112	570-TIP112	PWR PLASTIC TO-220	0.53	0.48	0.42
TIP115	570-TIP115	TO-220AB DARLNTN PNP	0.47	0.42	0.38
TIP116	570-TIP116	TO-220AB DARLNTN PNP	0.48	0.43	0.38
TIP117	570-TIP117	TO-220AB DARLNTN PNP	0.50	0.45	0.40
TIP120	570-TIP120	PT DAR NPN TO-220	0.65	0.59	0.52
TIP121	570-TIP121	PT DAR NPN TO-220	0.66	0.59	0.53
TIP122	570-TIP122	PT DAR NPN TO-220	0.68	0.61	0.54
TIP125	570-TIP125	PT DAR PNP TO-220	0.66	0.59	0.53
TIP126	570-TIP126	TO-220AB DARLNTN PNP	0.68	0.61	0.54
TIP127	570-TIP127	PWR PLASTIC TO-220	0.71	0.64	0.57

## RCA DIODES

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFG#	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
IN1183	570-IN1183	DO-5 35A RECT 50V	2.66	2.39	2.13
IN1184	570-IN1184	DO-5 35A RECT 100V	2.66	2.39	2.13
IN1185	570-IN1185	DO-5 35A RECT 150V	3.17	2.85	2.54
IN1186	570-IN1186	DO-5 35A RECT 200V	3.66	3.29	2.93
IN1187	570-IN1187	DO-5 35A RECT 300V	4.16	3.74	3.29
IN1187A	570-IN1187A	DO-5 40A RECT 300V	4.98	4.48	3.98
IN1188	570-IN1188	DO-5 35A RECT 400V	4.98	4.48	3.98
IN1188A	570-IN1188A	DO-5 40A RECT 400V	6.15	5.54	4.92
IN1189	570-IN1189	DO-5 35A RECT 500V	5.82	5.24	4.66
IN1189A	570-IN1189A	DO-5 40A RECT 500V	6.90	6.21	5.52
IN1190	570-IN1190	DO-5 35A RECT 600V	6.48	5.83	5.18
IN1197A	570-IN1197A	DO-5 20A RECT 500V	6.57	5.91	5.26
IN1198A	570-IN1198A	DO-5 20A RECT 600V	6.57	5.91	5.26
IN1199	570-IN1199	DO-4 12A RECT 50V	1.74	1.57	1.39
IN1199A	570-IN1199A	DO-4 12A RECT 50V	1.98	1.42	1.26
IN1200A	570-IN1200A	DO-4 12A RECT 100V	1.83	1.65	1.46
IN1202A	570-IN1202A	DO-4 12A RECT 200V	2.25	2.03	1.80
IN1204A	570-IN1204A	DO-4 12A RECT 400V	2.33	2.10	1.86
IN1206A	570-IN1206A	DO-4 12A RECT 600V	3.24	2.92	2.59
IN1206R	570-IN1206R	DO-4 12A RECT 600V	3.24	2.92	2.59
IN1206RA	570-IN1206RA	DO-4 12A RECT 600V	3.24	2.92	2.59
IN3212	570-IN3212	DO-5 15A RECT 400V	7.07	6.36	5.66
IN3212R	570-IN3212R	DO-5 15A RECT 400V	7.07	6.36	5.66
IN3213	570-IN3213	DO-5 15A RECT 500V	7.73	6.96	6.18
IN4728A	570-IN4728A	3.3V 1W ZENER DIODE	0.45	0.35	0.28
IN4729A	570-IN4729A	3.6V 1W ZENER DIODE	0.45	0.35	0.28
IN4730A	570-IN4730A	3.9V 1W ZENER DIODE	0.45	0.35	0.28
IN4731A	570-IN4731A	4.3V 1W ZENER DIODE	0.45	0.35	0.28
IN4732A	570-IN4732A	4.7V 1W ZENER DIODE	0.45	0.35	0.28
IN4733A	570-IN4733A	5.1V 1W ZENER DIODE	0.45	0.35	0.28
IN4734A	570-IN4734A	5.6V 1W ZENER DIODE	0.45	0.35	0.28
IN4735A	570-IN4735A	6.2V 1W ZENER DIODE	0.45	0.35	0.28
IN4736A	570-IN4736A	6.8V 1W ZENER DIODE	0.45	0.35	0.28
IN4737A	570-IN4737A	7.5V 1W ZENER DIODE	0.45	0.35	0.28
IN4738A	570-IN4738A	8.2V 1W ZENER DIODE	0.45	0.35	0.28
IN4739A	570-IN4739A	9.1V 1W ZENER DIODE	0.45	0.35	0.28
IN4740A	570-IN4740A	10V 1W ZENER DIODE	0.45	0.35	0.28
IN4741A	570-IN4741A	11V 1W ZENER DIODE	0.45	0.35	0.28
IN4742A	570-IN4742A	12V 1W ZENER DIODE	0.45	0.35	0.28
IN4743A	570-IN4743A	13V 1W ZENER DIODE	0.45	0.35	0.28

MFG#	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
IN4744A	570-IN4744A	15V 1W ZENER DIODE	0.45	0.35	0.28
IN4745A	570-IN4745A	16V 1W ZENER DIODE	0.45	0.35	0.28
IN4746A	570-IN4746A	18V 1W ZENER DIODE	0.45	0.35	0.28
IN4747A	570-IN4747A	20V 1W ZENER DIODE	0.45	0.35	0.28
IN4748A	570-IN4748A	22V 1W ZENER DIODE	0.45	0.35	0.28
IN4749A	570-IN4749A	24V 1W ZENER DIODE	0.45	0.35	0.28
IN4750A	570-IN4750A	27V 1W ZENER DIODE	0.45	0.35	0.28
IN4751A	570-IN4751A	30V 1W ZENER DIODE	0.45	0.35	0.28



# RCA DIODES

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
1N5252B	570-1N5252B	24V 5W ZENER DIODE	0.37	0.36	0.21
1N5253B	570-1N5253B	25V 5W ZENER DIODE	0.37	0.36	0.21
1N5254B	570-1N5254B	27V 5W ZENER DIODE	0.37	0.36	0.21
1N5255B	570-1N5255B	28V 5W ZENER DIODE	0.37	0.36	0.21
1N5256B	570-1N5256B	30V 5W ZENER DIODE	0.37	0.36	0.21
1N5257B	570-1N5257B	33V 5W ZENER DIODE	0.37	0.36	0.21
1N5345B	570-1N5345B	8.7V 5W ZENER DIODE	1.98	1.87	1.65
1N5346B	570-1N5346B	8.7V 5W ZENER DIODE	1.98	1.87	1.65
1N5347B	570-1N5347B	10V 5W ZENER DIODE	1.98	1.87	1.65
1N5348B	570-1N5348B	11V 5W ZENER DIODE	1.98	1.87	1.65
1N5349B	570-1N5349B	12V 5W ZENER DIODE	1.98	1.87	1.65
1N5350B	570-1N5350B	13V 5W ZENER DIODE	1.98	1.87	1.65
1N5351B	570-1N5351B	14V 5W ZENER DIODE	1.98	1.87	1.65

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
1N5352B	570-1N5352B	15V 5W ZENER DIODE	1.98	1.87	1.65
1N5353B	570-1N5353B	16V 5W ZENER DIODE	1.98	1.87	1.65
1N5354B	570-1N5354B	17V 5W ZENER DIODE	1.98	1.87	1.65
1N5355B	570-1N5355B	18V 5W ZENER DIODE	1.98	1.87	1.65
1N5356B	570-1N5356B	19V 5W ZENER DIODE	1.98	1.87	1.65
1N5357B	570-1N5357B	20V 5W ZENER DIODE	1.98	1.87	1.65
1N5358B	570-1N5358B	22V 5W ZENER DIODE	1.98	1.87	1.65
1N5359B	570-1N5359B	24V 5W ZENER DIODE	1.98	1.87	1.65
1N5360B	570-1N5360B	25V 5W ZENER DIODE	1.98	1.87	1.65
1N5361B	570-1N5361B	27V 5W ZENER DIODE	1.98	1.87	1.65
1N5362B	570-1N5362B	30V 5W ZENER DIODE	1.98	1.87	1.65
1N5364B	570-1N5364B	33V 5W ZENER DIODE	1.98	1.87	1.65

## RCA CMOS PLASTIC

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
CD74HC00E	570-CD74HC00E	QUAD 2-IN NAND GATE	0.41	0.37	0.33
CD74HC02E	570-CD74HC02E	QUAD 2-IN NOR GATE	0.41	0.37	0.33
CD74HC04E	570-CD74HC04E	HEX INVERTER/BUFFER	0.41	0.37	0.33
CD74HC08E	570-CD74HC08E	QUAD 2-IN AND GATE	0.41	0.37	0.33
CD74HC10E	570-CD74HC10E	TRIPLE 3-IN AND GATE	0.41	0.37	0.33
CD74HC11E	570-CD74HC11E	TRIPLE 3-IN AND GATE	0.41	0.37	0.33
CD74HC14E	570-CD74HC14E	HEX SCHMITT INVR	1.17	1.05	0.94
CD74HC20E	570-CD74HC20E	DUAL 4-IN AND GATE	0.41	0.37	0.33
CD74HC27E	570-CD74HC27E	TRIPLE 3-IN NOR GATE	0.41	0.37	0.33
CD74HC30E	570-CD74HC30E	8-INPUT NAND GATE	0.41	0.37	0.33
CD74HC34E	570-CD74HC34E	DUAL D-TYPE FF	0.49	0.45	0.39
CD74HC75E	570-CD74HC75E	4-BIT D-TYPE LATCH	0.49	0.45	0.39
CD74HC86E	570-CD74HC86E	QUAD EXCLUSIVE OR GT	0.49	0.45	0.39
CD74HC109E	570-CD74HC109E	DUAL J-K FF W/PSCLR	0.49	0.45	0.39
CD74HC132E	570-CD74HC132E	QUAD 2-IN SCHMT NAND	0.83	0.75	0.66
CD74HC138E	570-CD74HC138E	3 TO 8 LINE DECODER	0.66	0.59	0.53
CD74HC139E	570-CD74HC139E	DUAL 2T04 LINE DECOD	0.66	0.59	0.53
CD74HC151E	570-CD74HC151E	8T01 LINE MULTIPLEXR	0.66	0.59	0.53
CD74HC154E	570-CD74HC154E	4T016 LN DECOD/MULTP	2.00	1.80	1.60
CD74HC157E	570-CD74HC157E	QUAD 2T01 LN MULTPLX	0.66	0.59	0.53
CD74HC158E	570-CD74HC158E	QUAD 2T01 LN MULTPLX	0.66	0.59	0.53
CD74HC160E	570-CD74HC160E	SYNCD DECADE COUNTER	0.89	0.79	0.71
CD74HC161E	570-CD74HC161E	SYNCD BINARY COUNTER	0.89	0.79	0.71
CD74HC162E	570-CD74HC162E	SYNCD DEC CNTX W/SCLR	0.89	0.79	0.71
CD74HC163E	570-CD74HC163E	SYNCD BIN CNTX W/SCLR	0.89	0.79	0.71
CD74HC164E	570-CD74HC164E	8-BIT SIPO SHIFT REG	0.89	0.79	0.71
CD74HC165E	570-CD74HC165E	8-BIT PISO SHIFT REG	0.99	0.91	0.81
CD74HC166E	570-CD74HC166E	8-BIT PISO SHIFT REG	1.29	1.16	0.99
CD74HC173E	570-CD74HC173E	QUAD D-TYPE REG 3-ST	0.77	0.69	0.62
CD74HC174E	570-CD74HC174E	HEX D FF W/CLEAR	0.78	0.69	0.62
CD74HC175E	570-CD74HC175E	QUAD D FF W/CLEAR	0.78	0.69	0.62
CD74HC190E	570-CD74HC190E	BCD SYNC UP/DN CNTR	0.96	0.86	0.77
CD74HC191E	570-CD74HC191E	4-BIT SYNC BIN UP/DN	0.96	0.86	0.77
CD74HC192E	570-CD74HC192E	SYNCD UP/DN DEC CNTX	0.96	0.86	0.77
CD74HC193E	570-CD74HC193E	SYNCD UP/DN BIN CNTR	0.96	0.86	0.77
CD74HC194E	570-CD74HC194E	4-BIT PIPO SHIFT REG	0.71	0.64	0.57
CD74HC195E	570-CD74HC195E	4-BIT PIPO SHIFT REG	0.66	0.59	0.53
CD74HC221E	570-CD74HC221E	DUAL MONOSTBL MULTVI	1.16	1.04	0.93
CD74HC240E	570-CD74HC240E	OCTAL BUS BU-F 3-ST	1.28	1.13	0.96
CD74HC241E	570-CD74HC241E	OCTAL BUS BU-F 3-ST	1.20	1.09	0.98
CD74HC242E	570-CD74HC242E	QUAD BUS TRANSCEIVER	1.10	0.99	0.88
CD74HC243E	570-CD74HC243E	QUAD BUS TRANSCEIVER	1.10	0.99	0.88
CD74HC244E	570-CD74HC244E	OCTAL BUS BU-F 3-ST	1.28	1.13	0.99
CD74HC245E	570-CD74HC245E	OCTAL BUS TRANSCEIVER	1.47	1.32	1.18

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
CD74HC251E	570-CD74HC251E	3-CHAN MULTPLXR 3-ST	0.71	0.64	0.59
CD74HC253E	570-CD74HC253E	DUAL 4-CHAN MULTPLXR	0.71	0.64	0.59
CD74HC257E	570-CD74HC257E	QUAD 2-CHAN MULTPLXR	0.66	0.59	0.53
CD74HC273E	570-CD74HC273E	OCTAL D FF W/CLEAR	1.38	1.24	1.10
CD74HC280E	570-CD74HC280E	9-BIT PARITY GEN	1.38	1.24	1.10
CD74HC299E	570-CD74HC299E	8-BIT UNIV SHIFT REG	2.89	2.61	2.32
CD74HC365E	570-CD74HC365E	HEX BUS BUFFER	0.59	0.53	0.47
CD74HC366E	570-CD74HC366E	HEX BUS BUFFER INV	0.59	0.53	0.47
CD74HC367E	570-CD74HC367E	HEX BUS BUFFER	0.59	0.53	0.47
CD74HC368E	570-CD74HC368E	HEX BUS BUFFER INV	0.59	0.53	0.47
CD74HC373E	570-CD74HC373E	OCTAL D-TYPE LATCH	1.39	1.26	1.12
CD74HC374E	570-CD74HC374E	OCTAL D-TYPE FF	1.39	1.26	1.12
CD74HC377E	570-CD74HC377E	OCTAL D-TYPE FF	1.28	1.15	0.99
CD74HC393E	570-CD74HC393E	DUAL BINARY COUNTER	1.10	0.99	0.88
CD74HC533E	570-CD74HC533E	OCTAL D-TYPE LATCH	1.40	1.26	1.13
CD74HC534E	570-CD74HC534E	OCTAL D-TYPE FF INV	1.89	1.69	1.51
CD74HC540E	570-CD74HC540E	OCTAL BUS BU-FR INV	1.23	1.11	0.98
CD74HC541E	570-CD74HC541E	OCTAL BUS BU-FR	1.23	1.11	0.98
CD74HC564E	570-CD74HC564E	OCTAL D-TYPE FF INV	1.70	1.53	1.38
CD74HC573E	570-CD74HC573E	OCTAL D-TYPE LATCH	1.70	1.53	1.38
CD74HC574E	570-CD74HC574E	OCTAL D-TYPE FF	1.70	1.53	1.38
CD74HC640E	570-CD74HC640E	OCTAL BUS TRANSCEIVER	1.70	1.53	1.38
CD74HC643E	570-CD74HC643E	OCTAL BUS TRANSCEIVER	1.70	1.53	1.38
CD74HC646E	570-CD74HC646E	OCTAL BUS TRANSCEIVER	3.50	3.15	2.80
CD74HC670E	570-CD74HC670E	4WORD X4BIT REG FILE	1.99	1.79	1.59
CD74HC688E	570-CD74HC688E	8-BIT EQUALITY CMP	1.49	1.35	1.20
CD74HC4015E	570-CD74HC4015E	DUAL 4-BIT SIPO SHFT	1.17	1.05	0.94
CD74HC4017E	570-CD74HC4017E	DECADE COUNTER/DIV	1.26	1.13	0.99
CD74HC4020E	570-CD74HC4020E	14-STAGE BINARY CNTR	1.26	1.13	0.99
CD74HC4024E	570-CD74HC4024E	7-STAGE BINARY CNTR	0.99	0.92	0.82
CD74HC4040E	570-CD74HC4040E	12-STAGE BINARY CNTR	1.26	1.13	0.99
CD74HC4049E	570-CD74HC4049E	HEX BUFFER INV	0.71	0.64	0.58
CD74HC4050E	570-CD74HC4050E	HEX BUFFER	0.71	0.64	0.58
CD74HC4052E	570-CD74HC4052E	DUAL 4-CHAN ANA MULT	1.08	0.97	0.87
CD74HC4060E	570-CD74HC4060E	14-STG BIN CNTR/OSC	1.08	0.97	0.87
CD74HC4511E	570-CD74HC4511E	BCD-TO-7SEG LTCH/DEC	0.99	0.91	0.81
CD74HC4514E	570-CD74HC4514E	4T016 LN DECDR/DEUL	3.41	3.07	2.73
CD74HC4515E	570-CD74HC4515E	4T016 LN DECDR W/IN	3.41	3.07	2.73
CD74HC4518E	570-CD74HC4518E	DUAL 4-BIT SYNC BIN	0.96	0.86	0.77
CD74HC4520E	570-CD74HC4520E	DUAL 4-BIT SYNC BIN	0.96	0.86	0.77
CD74HC4538E	570-CD74HC4538E	DUAL MONOSTBL MULTVI	1.29	1.16	1.09
CD74HC40102E	570-CD74HC40102E	8-BIT SYNC BN CNTR	0.99	0.92	0.82
CD74HC40103E	570-CD74HC40103E	8-BIT BIN DWN CNTR	0.99	0.92	0.82
CD74HC40104E	570-CD74HC40104E	4-BIT BIDIR UNI SHFT	0.96	0.86	0.77

## RCA CMOS CERAMIC

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
CD54HC00F	570-CD54HC00F	QUAD 2-IN NAND GATE	0.80	0.72	0.64
CD54HC02F	570-CD54HC02F	QUAD 2-IN NOR GATE	0.80	0.72	0.64
CD54HC04F	570-CD54HC04F	HEX INVERTER/BUFFER	0.80	0.72	0.64
CD54HC08F	570-CD54HC08F	QUAD 2-IN AND GATE	0.80	0.72	0.64
CD54HC10F	570-CD54HC10F	TRIPLE 3-IN AND GATE	0.80	0.72	0.64
CD54HC11F	570-CD54HC11F	TRIPLE 3-IN AND GATE	0.80	0.72	0.64
CD54HC20F	570-CD54HC20F	DUAL 4-IN AND GATE	0.78	0.70	0.62
CD54HC27F	570-CD54HC27F	TRIPLE 3-IN NOR GATE	0.80	0.72	0.64
CD54HC30F	570-CD54HC30F	8-INPUT NAND GATE	0.80	0.72	0.64
CD54HC74F	570-CD54HC74F	DUAL D-TYPE FF	1.14	1.03	0.91
CD54HC75F	570-CD54HC75F	4-BIT D-TYPE LATCH	1.14	1.03	0.91
CD54HC86F	570-CD54HC86F	QUAD EXCLUSIVE OR GT	1.04	0.94	0.83
CD54HC109F	570-CD54HC109F	DUAL J-K FF W/PSCLR	1.14	1.03	0.91
CD54HC138F	570-CD54HC138F	3 TO 8 LINE DECODER	1.46	1.31	1.17
CD54HC139F	570-CD54HC139F	DUAL 2T04 LINE DECOD	1.46	1.31	1.17
CD54HC151F	570-CD54HC151F	8T01 LINE MULTIPLEXR	1.34	1.21	1.07
CD54HC154F	570-CD54HC154F	4T016 LN DECOD/MULTP	5.69	5.12	4.55
CD54HC157F	570-CD54HC157F	QUAD 2T01 LN MULTPLX	1.34	1.21	1.07
CD54HC158F	570-CD54HC158F	QUAD 2T01 LN MULTPLX	1.34	1.21	1.07
CD54HC160F	570-CD54HC160F	SYNCD DECADE COUNTER	1.94	1.75	1.55
CD54HC161F	570-CD54HC161F	SYNCD BINARY COUNTER	1.94	1.75	1.55
CD54HC162F	570-CD54HC162F	SYNCD DEC CNTX W/SCLR	1.94	1.75	1.55
CD54HC163F	570-CD54HC163F	SYNCD BIN CNTX W/SCLR	1.94	1.75	1.55
CD54HC164F	570-CD54HC164F	8-BIT SIPO SHIFT REG	1.88	1.69	1.50
CD54HC165F	570-CD54HC165F	8-BIT PISO SHIFT REG	2.94	2.65	2.35
CD54HC166F	570-CD54HC166F	8-BIT PISO SHIFT REG	2.94	2.65	2.35
CD54HC173F	570-CD54HC173F	QUAD D-TYPE REG 3-ST	1.74	1.57	1.39
CD54HC174F	570-CD54HC174F	HEX D FF W/CLEAR	1.80	1.62	1.44
CD54HC175F	570-CD54HC175F	QUAD D FF W/CLEAR	1.50	1.35	1.20
CD54HC190F	570-CD54HC190F	BCD SYNC UP/DN CNTR	2.04	1.84	1.63
CD54HC191F	570-CD54HC191F	4-BIT SYNC BIN UP/DN	1.62	1.46	1.30
CD54HC192F	570-CD54HC192F	4-BIT PIPO SHIFT REG	1.62	1.46	1.30
CD54HC221F	570-CD54HC221F	DUAL MONOSTBL MULTVI	2.64	2.38	2.11
CD54HC238F	570-CD54HC238F	3 TO 8 LINE DECODER	1.46	1.31	1.17
CD54HC240F	570-CD54HC240F	OCTAL BUS BU-F 3-ST	4.19	3.77	3.35
CD54HC241F	570-CD54HC241F	OCTAL BUS BU-F 3-ST	4.19	3.77	3.35
CD54HC242F	570-CD54HC242F	QUAD BUS TRANSCEIVER	2.94	2.65	2.35





# Linear Integrated Circuits & Microprocessors

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
CA124E	570-CA124E	QUAD OP AMP	1.70	1.53	1.36
CA224E	570-CA224E	QUAD OP AMP	0.90	0.81	0.72
CA301AT	570-CA301AT	SINGLE OP AMP TO-5	1.14	1.03	0.91
CA307T	570-CA307T	SINGLE OP AMP TO-5	1.40	1.26	1.12
CA311E	570-CA311E	VOLTAGE COMPARATOR	0.60	0.55	0.50
CA324E	570-CA324E	QUAD OP AMP	0.72	0.65	0.58
CA339AE	570-CA339AE	QUAD VOLTAGE COMP	1.71	1.54	1.37
CA339E	570-CA339E	QUAD VOLT COMP	0.66	0.59	0.53
CA555CE	570-CA555CE	TIME DELAY/OSC TIMER	0.56	0.50	0.40
CA555CT	570-CA555CT	HI CURRENT NPN TO-5	1.40	1.26	1.12
CA555E	570-CA555E	TIMER/OSCILLATOR	0.66	0.59	0.53
CA555S	570-CA555S	HI CURRENT NPN TO-5	1.64	1.48	1.31
CA555T	570-CA555T	HI CURRENT NPN TO-5	1.59	1.43	1.27
CA723CE	570-CA723CE	TV VOLTAGE REG	0.60	0.54	0.48
CA723CT	570-CA723CT	TV VOLTAGE REG TO-5	1.29	1.16	1.03
CA723E	570-CA723E	TV VOLTAGE REG	0.75	0.64	0.54
CA741CE	570-CA741CE	SINGLE OP AMP	0.50	0.45	0.40
CA741CS	570-CA741CS	SINGLE OP AMP TO-5	1.20	1.08	0.96
CA741CT	570-CA741CT	SINGLE OP AMP TO-5	1.14	1.03	0.91
CA741T	570-CA741T	SINGLE OP AMP TO-5	1.20	1.08	0.96
CA747CE	570-CA747CE	DUAL OP AMP	0.66	0.59	0.53
CA747E	570-CA747E	DUAL OP AMP	0.74	0.67	0.59
CA748CE	570-CA748CE	SINGLE OP AMP	0.53	0.48	0.43
CA1458E	570-CA1458E	DUAL OP AMP	0.62	0.56	0.50
CA1458T	570-CA1458T	DUAL OP AMP	1.29	1.16	1.03
CA1558T	570-CA1558T	DUAL OP AMP	1.35	1.40	1.24
CA2111AE	570-CA2111AE	IF AMP-LIMITER	1.73	1.52	1.32
CA2904E	570-CA2904E	DUAL OP AMP	0.60	0.54	0.48
CA3000	570-CA3000	2.5 W AF AMP	3.99	3.77	3.49
CA3001	570-CA3001	VIDEO WIDEBAND AMP	4.19	3.99	3.19
CA3002	570-CA3002	IF AMPLIFIER	3.26	2.93	2.61
CA3010	570-CA3010	WIDEBAND OP OP AMP	2.49	2.24	1.99
CA3011	570-CA3011	WIDEBAND AMPS	1.56	1.40	1.25
CA3012	570-CA3012	WIDEBAND AMPS	1.92	1.69	1.49
CA3014	570-CA3014	AMP-DISCRIMINATOR	2.56	2.29	2.05
CA3015	570-CA3015	WIDEBAND OP OP AMP	3.59	3.23	2.87
CA3015A	570-CA3015A	WIDEBAND OP OP AMP	3.99	3.59	3.19
CA3018	570-CA3018	TRANS ARRAY TO-5	1.59	1.43	1.27
CA3018A	570-CA3018A	TRANS ARRAY TO-5	2.00	1.80	1.60
CA3019	570-CA3019	DUAL OP AMP	1.50	1.35	1.20
CA3020	570-CA3020	WIDEBAND PWR AMP	2.34	2.09	1.87
CA3020A	570-CA3020A	WIDEBAND PWR AMP	2.64	2.39	2.17
CA3026	570-CA3026	DUAL DIFF AMP	1.70	1.53	1.36
CA3028A	570-CA3028A	GEN PUR RF AMP TO-5	1.50	1.35	1.20
CA3028AE	570-CA3028AE	DIFF/CASCADE AMP	1.58	1.42	1.26
CA3028B	570-CA3028B	GEN PUR RF AMP TO-5	1.66	1.49	1.32
CA3028BS	570-CA3028BS	DIFF/CASCADE AMP	1.71	1.54	1.37
CA3030	570-CA3030	WIDEBAND OP OP AMP	3.33	2.99	2.69
CA3038A	570-CA3038A	SINGLE OP AMP	9.98	9.88	9.98
CA3039	570-CA3039	DUAL OP AMP	1.50	1.35	1.20
CA3040	570-CA3040	VIDEO-WIDEBAND AMP	4.19	3.77	3.36
CA3045	570-CA3045	TRANS ARRAY	4.29	3.86	3.43
CA3046	570-CA3046	TRANS ARRAY	0.77	0.69	0.64
CA3048	570-CA3048	4 AC AMPS	4.17	3.75	3.33
CA3049T	570-CA3049T	DIFFERENTIAL AMP	2.69	2.42	2.16
CA3050	570-CA3050	DUAL DIFF AMP	9.98	8.99	7.98
CA3051	570-CA3051	DUAL DIFF AMP	1.29	1.16	1.04
CA3052	570-CA3052	AC AMPLIFIER	1.92	1.79	1.68
CA3053	570-CA3053	GEN PUR RF AMP TO-5	1.29	1.16	1.03
CA3054	570-CA3054	DUAL DIFF AMP	0.84	0.76	0.67
CA3058	570-CA3058	ZERO VOLT SW	5.79	5.28	4.77
CA3059	570-CA3059	ZERO VOLT SW	1.10	0.99	0.88
CA3060E	570-CA3060E	AMPLIFIER ARRAY	2.55	2.32	2.09
CA3065	570-CA3065	TV SOUND IF AMP	0.84	0.76	0.67
CA3065E	570-CA3065E	TV SOUND IF AMP	4.48	4.04	3.61
CA3067	570-CA3067	TV CHROMA SYS	2.82	2.49	2.19
CA3068	570-CA3068	TV VIDEO IF SYS	5.97	5.39	4.81
CA3070	570-CA3070	TV CHROMA SYS	5.97	5.37	4.78
CA3072	570-CA3072	TV CHROMA SYS	1.93	1.73	1.56
CA3078AT	570-CA3078AT	MICRO-PWR OP AMP	1.58	1.42	1.23
CA3078T	570-CA3078T	MICRO-PWR OP AMP	0.77	0.69	0.62
CA3079	570-CA3079	ZERO V SW FOR THYRS	1.20	1.08	0.96
CA3080	570-CA3080	VARIABLE OP AMP	2.40	2.16	1.92
CA3080A	570-CA3080A	VARIABLE OP AMP	0.80	0.71	0.61
CA3080E	570-CA3080E	VARIABLE OP AMP	1.29	1.16	1.03
CA3080S	570-CA3080S	VARIABLE OP AMP	0.89	0.80	0.71
CA3081	570-CA3081	NPN TRANS ARRAY	1.50	1.35	1.20
CA3081F	570-CA3081F	NPN TRANS ARRAY	0.89	0.80	0.71
CA3082	570-CA3082	NPN TRANS ARRAY	1.50	1.35	1.20
CA3082F	570-CA3082F	NPN TRANS ARRAY	0.89	0.80	0.71
CA3083	570-CA3083	NPN TRANS ARRAY	1.47	1.33	1.19
CA3083F	570-CA3083F	NPN TRANS ARRAY	1.59	1.43	1.29
CA3085	570-CA3085	POSITIVE VOLT REG	1.80	1.62	1.44
CA3085A	570-CA3085A	POSITIVE VOLT REG	6.71	6.05	5.38
CA3085B	570-CA3085B	POSITIVE VOLT REG	1.04	0.93	0.84
CA3085E	570-CA3085E	POS VOLTAGE REG	1.70	1.53	1.37
CA3085S	570-CA3085S	NPN TRANS ARRAY	0.68	0.56	0.45
CA3086	570-CA3086	FM IF SYSTEM	1.10	0.99	0.88
CA3089E	570-CA3089E	ANAL OG MULTIPLIER	11.03	9.93	8.83
CA3091D	570-CA3091D	PWR/SW AMP	1.56	1.40	1.25
CA3094AE	570-CA3094AE	PWR/SW AMP	1.83	1.65	1.47
CA3094AT	570-CA3094AT	PWR/SW AMP	2.60	2.34	2.08
CA3094BT	570-CA3094BT	PWR/SW AMP	1.22	1.09	0.98
CA3094E	570-CA3094E	PWR/SW AMP	1.95	1.76	1.55
CA3096AE	570-CA3096AE	NPN/PNP TRANS ARRAY	0.72	0.64	0.58
CA3096CE	570-CA3096CE	NPN/PNP TRANS ARRAY	1.87	1.56	1.25
CA3096E	570-CA3096E	NPN/PNP TRANS ARRAY	1.38	1.25	1.11
CA3097E	570-CA3097E	THYRISTOR/TRAN ARRAY			

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
CA3098E	570-CA3098E	PROG SCHMITT TRIG	1.20	1.08	0.97
CA3100E	570-CA3100E	WIDEBAND OP AMP	1.39	1.27	1.15
CA3100S	570-CA3100S	WIDEBAND OP AMP	2.82	2.53	2.25
CA3100T	570-CA3100T	WIDEBAND OP AMP	2.65	2.38	2.12
CA3102E	570-CA3102E	DIFFERENTIAL AMP	3.29	2.96	2.63
CA3125E	570-CA3125E	CHROMA DEMOD	5.97	5.37	4.78
CA3126E	570-CA3126E	TV CHROMA PROCESSOR	1.47	1.32	1.18
CA3126G	570-CA3126G	TV CHROMA PROCESSOR	1.47	1.32	1.18
CA3127E	570-CA3127E	NPN TRANS ARRAY	2.38	2.13	1.89
CA3128E	570-CA3128E	PAL CHROMA PROCESSOR	5.97	5.37	4.78
CA3130AT	570-CA3130AT	BIMOS OP AMP	2.38	2.13	1.89
CA3130E	570-CA3130E	BIMOS OP AMP	0.99	0.91	0.81
CA3130S	570-CA3130S	BIMOS OP AMP	1.78	1.59	1.42
CA3130T	570-CA3130T	BIMOS OP AMP	1.64	1.47	1.31
CA3131EM	570-CA3131EM	AUDIO AMPLIFIER	5.97	5.37	4.78
CA3135E	570-CA3135E	LUMINANCE PROCESSOR	5.97	5.37	4.78
CA3138E	570-CA3138E	NPN TRANS ARRAY	3.39	3.05	2.72
CA3139E	570-CA3139E	TV FINE TUNING	5.97	5.37	4.78
CA3140AE	570-CA3140AE	BIMOS OP AMP	0.90	0.81	0.72
CA3140AS	570-CA3140AS	BIMOS OP AMP	1.64	1.49	1.34
CA3140AT	570-CA3140AT	BIMOS OP AMP	1.54	1.39	1.24
CA3140E	570-CA3140E	BIMOS OP AMP	0.99	0.93	0.87
CA3140S	570-CA3140S	BIMOS OP AMP	1.38	1.24	1.10
CA3140T	570-CA3140T	BIMOS OP AMP	1.40	1.26	1.13
CA3141E	570-CA3141E	DUAL OP AMP	0.95	0.85	0.77
CA3144E	570-CA3144E	LUMINANCE PROCESSOR	4.52	4.07	3.62
CA3146E	570-CA3146E	HI-VOLT TRANS ARRAY	1.59	1.43	1.28
CA3156E	570-CA3156E	TV LUMINANCE PROCESS	1.01	0.91	0.81
CA3160AE	570-CA3160AE	BIMOS OP AMP	5.97	5.37	4.78
CA3160E	570-CA3160E	BIMOS OP AMP	1.50	1.35	1.20
CA3160S	570-CA3160S	BIMOS OP AMP	0.84	0.76	0.67
CA3160T	570-CA3160T	BIMOS OP AMP	1.68	1.51	1.36
CA3161E	570-CA3161E	BIMOS OP AMP	1.50	1.35	1.20
CA3162E	570-CA3162E	DECODER/DRIVER	1.41	1.27	1.13
CA3179G	570-CA3179G	A/D CONVERTER	5.99	5.39	4.79
CA3183AE	570-CA3183AE	PRESCALER	2.30	2.07	1.84
CA3183E	570-CA3183E	NPN TRANS ARRAY	1.90	1.35	1.20
CA3189E	570-CA3189E	NPN TRANS ARRAY	1.20	1.08	0.96
CA3240AE	570-CA3240AE	FM IF SYSTEM	1.23	1.11	0.98
CA3240AE1	570-CA3240AE1	BIMOS OP AMP	1.94	1.75	1.55
CA3240E	570-CA3240E	BIMOS OP AMP	2.79	2.51	2.24
CA3240E1	570-CA3240E1	BIMOS OP AMP	1.23	1.11	0.98
CA3280E	570-CA3280E	BIMOS OP AMP	1.80	1.62	1.44
CA3290AE	570-CA3290AE	DUAL VAR OP AMP DTA	1.93	1.65	1.46
CA3290BT	570-CA3290BT	DUAL VOLTAGE COMP	0.99	0.91	0.81
CA3290E	570-CA3290E	DUAL VOLTAGE COMP	3.20	2.88	2.56
CA3401E	570-CA3401E	DUAL VOLTAGE COMP	0.74	0.67	0.59
CA3600E	570-CA3600E	QUAD OP AMP	0.95	0.86	0.76
CA6741S	570-CA6741S	CMOS TRANS ARRAY	3.38	3.04	2.69
CA6741T	570-CA6741T	GEN PUR OP AMP	2.10	1.89	1.68
LM301AH	570-LM301AH	GEN PUR OP AMP	2.01	1.81	1.61
LM301AN	570-LM301AN	SINGLE OP AMP TO-5	1.05	0.95	0.84
LM311H	570-LM311H	SINGLE OP AMP	0.50	0.45	0.40
LM311N	570-LM311N	PRECISION COMPARTOR	1.29	1.16	1.03
LM324N	570-LM324N	VOLTAGE COMPARATOR	0.60	0.54	0.48
LM339AN	570-LM339AN	QUAD OP AMP	0.72	0.65	0.58
LM339N	570-LM339N	QUAD COMPARTOR	1.71	1.54	1.37
LM358N	570-LM358N	QUAD VOLTAGE COMP	0.66	0.59	0.53
LM555CN	570-LM555CN	DUAL OP AMP	0.60	0.54	0.48
LM723CN	570-LM723CN	TIMER/OSCILLATOR	0.56	0.50	0.45
LM723H	570-LM723H	TV VOLT REG TO-5	1.29	1.16	1.03
LM723N	570-LM723N	TV VOLTAGE REG	0.60	0.54	0.48
LM723H	570-LM723H	ADV 2-37V REG	1.40	1.26	1.12
LM723N	570-LM723N	ADV 2-37V REG	0.71	0.64	0.58
LM741CH	570-LM741CH	AF PWR AMP PNP TO-92	1.14	1.03	0.91
LM741CH	570-LM741CH	SINGLE OP AMP	0.48	0.43	0.38
LM741H	570-LM741H	SINGLE OP AMP	1.20	1.08	0.96
LM748CH	570-LM748CH	SINGLE OP AMP	1.10	0.99	0.88
LM748CN	570-LM748CN	SINGLE OP AMP	0.93	0.48	0.43
LM748H	570-LM748H	SINGLE OP AMP	1.29	1.16	1.03
LM1458N	570-LM1458N	DUAL OP AMP	0.62	0.56	0.50
LM2901N	570-LM2901N	QUAD COMPARTOR	0.66	0.59	0.53
LM2902N	570-LM2902N	QUAD OP AMP	0.90	0.81	0.72
LM2904N	570-LM2904N	DUAL OP AMP	0.60	0.54	0.48
CDP1802ACE	570-CDP1802ACE	CENT PROC UNIT 6.4MHZ	7.94	7.12	6.33
CDP1802BCE	570-CDP1802BCE	CENI PROC UNIT 5 MHZ	11.79	10.61	9.43
CDP1805ACE	570-CDP1805ACE	CENT PROC UNIT 6.4MHZ	21.95	19.76	17.56
CDP1821CD	570-CDP1821CD	1K X 1 RAM	26.16	23.54	20.93
CDP1822CE	570-CDP1822CE	256 X 4 RAM	6.72	6.05	5.38
CDP1823CE	570-CDP1823CE	128 X 8 RAM	12.75	11.48	10.20</



# RCA 4000 Series CMOS

FOR QUANTITIES OF 500 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION....	PRICE EACH		
			1	10	100.
CD4000AE	570-CD4000AE	DUAL 3 INPUT NOR GT	0.48	0.43	0.38
CD4000BE	570-CD4000BE	DUAL 3 INPUT NOR GT	0.35	0.32	0.28
CD4000BF	570-CD4000BF	DUAL 3 INPUT NOR GT	0.60	0.54	0.48
CD4001AE	570-CD4001AE	QUAD 2 INPUT NOR GT	0.48	0.43	0.38
CD4001AF	570-CD4001AF	QUAD 2 INPUT NOR GT	0.95	0.86	0.76
CD4001BE	570-CD4001BE	QUAD 2 INPUT NOR GT	0.35	0.32	0.28
CD4001BF	570-CD4001BF	QUAD 2 INPUT NOR GT	0.60	0.54	0.48
CD4001UBE	570-CD4001UBE	QUAD 2 INPUT NOR GT	0.35	0.32	0.28
CD4002AE	570-CD4002AE	DUAL 4 INPUT NOR GT	0.48	0.43	0.38
CD4002BE	570-CD4002BE	DUAL 4 INPUT NOR GT	0.35	0.32	0.28
CD4006AE	570-CD4006AE	18 STAGE SHIFT REG	1.70	1.53	1.36
CD4006BE	570-CD4006BE	18 STAGE SHIFT REG	0.90	0.81	0.73
CD4007AE	570-CD4007AE	DUAL COMP INVERTER	0.48	0.43	0.38
CD4007BF	570-CD4007BF	DUAL COMP INVERTER	0.95	0.86	0.76
CD4007UBD	570-CD4007UBD	DUAL COMP INVERTER	4.65	4.32	3.88
CD4007UBE	570-CD4007UBE	DUAL COMP INVERTER	0.35	0.32	0.28
CD4007UBF	570-CD4007UBF	DUAL COMP INVERTER	0.60	0.54	0.48
CD4008BE	570-CD4008BE	4 BIT FULL ADDER	1.23	1.13	1.03
CD4009UBE	570-CD4009UBE	HEX BUFFER/CONVERTER	1.02	0.92	0.82
CD4009UBF	570-CD4009UBF	HEX BUFFER/CONVERTER	1.44	1.30	1.15
CD4010BE	570-CD4010BE	HEX BUFFER CONVERTER	1.02	0.92	0.82
CD4011AD	570-CD4011AD	QUAD NAND GATE	5.25	4.76	4.23
CD4011AE	570-CD4011AE	QUAD 2 INPUT NAND GT	0.48	0.43	0.38
CD4011AF	570-CD4011AF	QUAD 2 INPUT NAND GT	0.95	0.86	0.76
CD4011BE	570-CD4011BE	QUAD 2 INPUT NAND GT	0.35	0.32	0.28
CD4011BF	570-CD4011BF	QUAD 2 INPUT NAND GT	0.60	0.54	0.48
CD4011UBE	570-CD4011UBE	QUAD 2 IN NAND GT	0.35	0.32	0.28
CD4012AE	570-CD4012AE	DUAL 4/IN NAND GT	0.48	0.43	0.38
CD4012BE	570-CD4012BE	DUAL 4/IN NAND GT	0.35	0.32	0.28
CD4013AE	570-CD4013AE	DUAL D FLIP-FLOP	0.86	0.77	0.69
CD4013AF	570-CD4013AF	DUAL D FLIP-FLOP	1.40	1.26	1.12
CD4013BD	570-CD4013BD	DUAL D FLIP-FLOP	7.70	6.93	6.16
CD4013BE	570-CD4013BE	DUAL D FLIP-FLOP	0.50	0.45	0.40
CD4013BF	570-CD4013BF	DUAL D FLIP-FLOP	1.08	0.97	0.86
CD4014AE	570-CD4014AE	8 STAGE SYNC REG	1.52	1.37	1.22
CD4014BE	570-CD4014BE	8 STAGE SYNC REG	0.90	0.81	0.73
CD4015AE	570-CD4015AE	DUAL 4 STAGE REG	1.32	1.18	1.17
CD4015BE	570-CD4015BE	DUAL 4 STAGE REG	1.11	1.00	0.89
CD4016AD	570-CD4016AD	QUAD BILATERAL SW	7.31	6.58	5.85
CD4016AE	570-CD4016AE	QUAD BILATERAL SW	0.86	0.77	0.69
CD4016AF	570-CD4016AF	QUAD BILATERAL SW	1.40	1.26	1.12
CD4016BD	570-CD4016BD	QUAD BILATERAL SW	8.39	7.55	6.71
CD4016BE	570-CD4016BE	QUAD BILATERAL SW	0.50	0.45	0.40
CD4017AD	570-CD4017AD	DECADE COUNTER	14.93	13.44	11.94
CD4017AE	570-CD4017AE	DECADE COUNTER	1.52	1.37	1.22
CD4017BE	570-CD4017BE	DECADE COUNTER	1.23	1.13	1.03
CD4017BF	570-CD4017BF	DECADE COUNTER	1.70	1.53	1.37
CD4018AE	570-CD4018AE	PRESETTABLE COUNTER	1.35	1.22	1.08
CD4018AF	570-CD4018AF	PRESETTABLE COUNTER	2.30	2.07	1.84
CD4018BE	570-CD4018BE	PRESETTABLE COUNTER	0.99	0.81	0.73
CD4019AE	570-CD4019AE	AND/OR GATE	0.86	0.77	0.69
CD4019AF	570-CD4019AF	AND/OR GATE	2.37	2.13	1.90
CD4019BE	570-CD4019BE	AND/OR GATE	0.60	0.54	0.48
CD4020AD	570-CD4020AD	BINARY COUNTER	16.67	15.00	13.34
CD4020AE	570-CD4020AE	BINARY COUNTER	1.76	1.58	1.41
CD4020AF	570-CD4020AF	BINARY COUNTER	3.09	2.78	2.47
CD4020BE	570-CD4020BE	BINARY COUNTER	0.90	0.81	0.72
CD4021AE	570-CD4021AE	SHIFT REGISTER	1.52	1.37	1.22
CD4021BE	570-CD4021BE	SHIFT REGISTER	0.99	0.81	0.73
CD4022BE	570-CD4022BE	OCTAL COUNTER	0.99	0.81	0.73
CD4023AD	570-CD4023AD	NAND GATE	4.82	4.34	3.86
CD4023AE	570-CD4023AE	NAND GATE	0.48	0.43	0.38
CD4023AF	570-CD4023AF	NAND GATE	0.95	0.86	0.76
CD4023BE	570-CD4023BE	NAND GATE	0.35	0.32	0.28
CD4024AD	570-CD4024AD	BINARY COUNTER	10.17	9.15	8.14
CD4024AE	570-CD4024AE	BINARY COUNTER	1.28	1.15	0.99
CD4024AF	570-CD4024AF	BINARY COUNTER	2.24	1.99	1.79
CD4024BE	570-CD4024BE	BINARY COUNTER	0.86	0.77	0.69
CD4024BF	570-CD4024BF	BINARY COUNTER	1.35	1.22	1.09
CD4025AE	570-CD4025AE	3 INPUT NOR GATE	0.48	0.43	0.38
CD4025AF	570-CD4025AF	3 INPUT NOR GATE	0.95	0.86	0.76
CD4025BE	570-CD4025BE	3 INPUT NOR GATE	0.35	0.32	0.28
CD4025BF	570-CD4025BF	3 INPUT NOR GATE	0.60	0.54	0.48
CD4026AE	570-CD4026AE	DECADE COUNTER	2.99	2.69	2.39
CD4026BE	570-CD4026BE	DECADE COUNTER	2.48	2.23	1.98
CD4027AE	570-CD4027AE	DUAL FLIP-FLOP	0.95	0.86	0.76
CD4027BE	570-CD4027BE	DUAL FLIP-FLOP	0.54	0.49	0.43
CD4027BF	570-CD4027BF	DUAL FLIP-FLOP	1.08	0.97	0.86
CD4028AE	570-CD4028AE	BCD TO DEC DECODER	1.22	1.10	0.98
CD4028BE	570-CD4028BE	BCD TO DEC DECODER	0.86	0.77	0.69
CD4028BF	570-CD4028BF	BCD TO DEC DECODER	1.52	1.37	1.22
CD4029AD	570-CD4029AD	PRESET UP/DWN COUNT	14.78	13.30	11.82
CD4029AE	570-CD4029AE	PRESET UP/DWN COUNT	1.70	1.53	1.36
CD4029BE	570-CD4029BE	PRESET UP/DWN COUNT	1.01	0.91	0.82
CD4030AE	570-CD4030AE	QUAD EXCLUSIVE OR GT	1.34	1.21	1.07
CD4030BE	570-CD4030BE	QUAD EXCLUSIVE OR GT	1.11	1.00	0.89
CD4031AE	570-CD4031AE	64 STAGE SHIFT REG	3.92	3.53	3.14
CD4031BE	570-CD4031BE	64 STAGE SHIFT REG	3.24	2.83	2.43
CD4033BE	570-CD4033BE	DECADE COUNT/DIVIDE	2.49	2.24	1.99
CD4034BE	570-CD4034BE	8 STG BIDIRECT REG	2.79	2.51	2.25
CD4035AE	570-CD4035AE	4 STAGE PARALLEL REG	1.68	1.59	1.49
CD4035BE	570-CD4035BE	4 STG PARALLEL REG	1.01	0.91	0.82
CD4039AD	570-CD4039AD	CMOS-RAM	11.63	10.47	9.30
CD4040AD	570-CD4040AD	12 STAGE BI RIP CNT	10.80	9.74	8.69
CD4040BE	570-CD4040BE	12 STG BI RIP CNT	1.10	0.99	0.88
CD4041UBD	570-CD4041UBD	QUAD TRUE/COMP BUFF	9.57	8.61	7.66
CD4042AE	570-CD4042AE	QUAD TRUE/COMP BUFF	1.44	1.30	1.15
CD4042BE	570-CD4042BE	QUAD CLOCK D LATCH	1.28	1.15	0.99
CD4043AE	570-CD4043AE	QUAD CLOCK D LATCH	0.96	0.86	0.77
CD4043BE	570-CD4043BE	QUAD/NOR R/S LATCH	1.20	1.08	0.96
CD4044AD	570-CD4044AD	QUAD NAND R/S LATCH	0.97	0.89	0.82
CD4044AE	570-CD4044AE	QUAD NAND R/S LATCH	8.34	7.51	6.67
CD4044BE	570-CD4044BE	QUAD NAND R/S LATCH	1.20	1.08	0.96
CD4045BE	570-CD4045BE	21 STAGE TIMER	0.97	0.89	0.82
CD4046AE	570-CD4046AE	PHASE-LOCKED LOOP	1.76	1.76	1.56
CD4046AF	570-CD4046AF	PHASE-LOCKED LOOP	1.89	1.70	1.51

MFGR	MOUSER PART NO.	DESCRIPTION.....	PRICE EACH		
			1	10	100.
CD4046BE	570-CD4046BE	PHASE-LOCKED LOOP	1.20	1.06	0.97
CD4047AE	570-CD4047AE	MONOSTABLE MULTIVIB	2.16	1.94	1.73
CD4047AF	570-CD4047AF	MONOSTABLE MULTIVIB	4.52	3.99	3.62
CD4047BD	570-CD4047BD	MONOSTABLE MULTIVIB	8.48	7.63	6.78
CD4047BE	570-CD4047BE	MONOSTABLE MULTIVIB	1.78	1.63	1.49
CD4047BF	570-CD4047BF	MONOSTABLE MULTIVIB	2.79	2.51	2.23
CD4048AE	570-CD4048AE	8 INPUT GATE	1.40	1.26	1.12
CD4048BD	570-CD4048BD	8 INPUT GATE	5.82	5.24	4.66
CD4048BE	570-CD4048BE	8 INPUT GATE	1.14	1.04	0.95
CD4048BF	570-CD4048BF	8 INPUT GATE	1.70	1.53	1.36
CD4049AD	570-CD4049AD	HEX BUFF/CONVERTER	6.71	6.04	5.37
CD4049AF	570-CD4049AF	HEX BUFF/CONVERTER	1.44	1.30	1.15
CD4049UBE	570-CD4049UBE	HEX BUFF/CONVERTER	0.50	0.45	0.40
CD4049UBF	570-CD4049UBF	HEX BUFF/CONVERTER	1.08	0.97	0.86
CD4050AE	570-CD4050AE	HEX BUFF/CONVERTER	0.64	0.59	0.53
CD4050BE	570-CD4050BE	HEX BUFF/CONVERTER	0.50	0.45	0.40
CD4050BF	570-CD4050BF	HEX BUFF/CONVERTER	1.08	0.97	0.86
CD4051BE	570-CD4051BE	SINGLE 8-CH MUX	0.90	0.81	0.72
CD4052BE	570-CD4052BE	DIFF 4CH MUX	0.90	0.81	0.72
CD4053BE	570-CD4053BE	TRIP 2-CH MUX	0.90	0.81	0.72
CD4054BE	570-CD4054BE	4 SEG DISPLAY DRIVER	2.09	1.88	1.68
CD4055BE	570-CD4055BE	BDC-TO-7 SEG DEC/DR	1.76	1.58	1.41
CD4056BE	570-CD4056BE	BCD-TO-7 SEG DEC/DR	2.09	1.88	1.68
CD4056BF	570-CD4056BF	BCD-TO-7 SEG DEC/DR	2.99	2.70	2.40
CD4059AE	570-CD4059AE	PROG-DIV-N COUNT	4.10	3.69	3.28
CD4060AE	570-CD4060AE	14 STG COUNTER/DIV	1.99	1.79	1.59
CD4060BE	570-CD4060BE	14 STG COUNTER/DIV	1.20	1.08	0.96
CD4060BF	570-CD4060BF	14 STAGE COUNTER/DIV	1.70	1.53	1.37
CD4063BE	570-CD4063BE	4 BIT COMPARATOR	1.64	1.49	1.37
CD4063BF	570-CD4063BF	4 BIT COMPARATOR	2.60	2.34	2.08
CD4066AD	570-CD4066AD	QUAD BILATERAL SW	8.03	7.23	6.42
CD4066AE	570-CD4066AE	QUAD BILATERAL SW	0.96	0.86	0.77
CD4066BD	570-CD4066BD	QUAD BILATERAL SW	8.03	7.23	6.42
CD4066BE	570-CD4066BE	QUAD BILATERAL SW	0.54	0.49	0.43
CD4067BE	570-CD4067BE	SING 16-CH MUX	1.89	1.70	1.51
CD4068BE	570-CD4068BE	8 INPUT NAND/AND GT	0.35	0.32	0.28
CD4069UBE	570-CD4069UBE	HEX INVERTER	0.35	0.32	0.28
CD4069UBF	570-CD4069UBF	HEX INVERTER	0.60	0.54	0.48
CD4070BE	570-CD4070BE	QUAD EXCLUSIVE OR GT	0.35	0.32	0.28
CD4071BE	570-CD4071BE	QUAD 2 INPUT OR GT	0.35	0.32	0.28
CD4071BF	570-CD4071BF	QUAD 2 INPUT OR GT	0.59	0.54	0.48
CD4072BE	570-CD4072BE	DUAL 4 IN/OR GT	0.35	0.32	0.28
CD4073BE	570-CD4073BE	TRIPLE 3-IN/AND GT	0.35	0.32	0.28
CD4075BE	570-CD4075BE	TRIPLE 3-INPUT OR GT	0.35	0.32	0.28
CD4076BE	570-CD4076BE	4 BIT D REGISTER	0.99	0.89	0.80
CD4077BE	570-CD4077BE	QUAD EXCLU OR GT	0.35	0.32	0.28
CD4078BE	570-CD4078BE	8 INPUT NOR/OR GT	0.35	0.32	0.28
CD4081BE	570-CD4081BE	QUAD 2 INPUT AND GT	0.35	0.32	0.28
CD4081BF	570-CD4081BF	QUAD 2IN AND GATE	0.60	0.54	0.48
CD4082BE	570-CD4082BE	DUAL 4/IN AND GT	0.35	0.32	0.28
CD4085BE	570-CD4085BE	DUAL AOI GATE	0.92	0.82	0.73
CD4086BE	570-CD4086BE	EXPAND AOI GATE	0.92	0.82	0.73
CD4089BE	570-CD4089BE	BINARY RATE MULTPLR	2.48	2.23	1.98
CD4093BD	570-CD4093BD	QUAD SCHMITT TRIG	7.64	6.88	6.11
CD4093BE	570-CD4093BE	QUAD SCHMITT TRIG	0.54	0.49	0.43
CD4093BF	570-CD4093BF	QUAD SCHMITT TRIG	1.16	1.04	0.93
CD4094BE	570-CD4094BE	8 STAGE BUS REG	1.17	1.05	0.93
CD4095BE	570-CD4095BE	GATED J-K N-1 FLIP	0.92	0.82	0.73
CD4096BE	570-CD4096BE	INVERT & NONINV FLIP	0.82	0.73	0.65
CD4097BE	570-CD4097BE	DIFF 8 CH MULTIPLEX	1.89	1.70	1.51
CD4098BD	570-CD4098BD	DUAL MONO MULTIVIB	10.88	9.79	8.70
CD4098BE	570-CD4098BE	DUAL MONO MULTIVIB	1.10	0.99	0.89
CD4098BF	570-CD4098BF	DUAL MONO MULTIVIB	2.49	2.24	1.99
CD4099BE	570-CD4099BE	ADDRESSABLE LATCH	1.40	1.26	1.12
CD4502BE	570-CD4502BE	HEX INVERT/BUFF	1.08	0.97	0.86
CD4502BF	570-CD4502BF	HEX INVERT/BUFF	1.70	1.53	1.37
CD4503BE	570-CD4503BE	HEX BUFFER	0.77	0.69	0.62
CD4508BE	570-CD4508BE	DUAL 4-BIT LATCH	4.51	4.14	3.77
CD4510BE	570-CD4510BE	4 BIT UP/DWN COUNTER	0.99	0.89	0.80
CD4510BF	570-CD4510BF	4 BIT UP/DWN COUNTER	1.70	1.53	1.37
CD4511BE	570-CD4511BE	LATCH DECODER DRIVER	0.99	0.89	0.80
CD4511BF	570-CD4511BF	LATCH DECODER DRIVER	2.16	1.94	1.70
CD4512BE	570-CD4512BE	8 CH DATA SELECTOR	0.99	0.89	0.80
CD4515BE	570-CD4515BE	LINE DECODER	2.30	2.07	1.86
CD4516BE	570-CD4516BE	LINE DECODER	2.30	2.07	1.86
CD4517BE	570-CD4517BE	UP/DWN COUNTER	0.99	0.89	0.80
CD4518BE	570-CD4518BE	64 STAGE SHIFT REG	2.49	2.24	1.99
CD4518BF	570-CD4518BF	DUAL UP-COUNTER	0.99	0.89	0.80
CD4520BE	570-CD4520BE	DUAL UP-COUNTER	0.99	0.89	0.80
CD4527BE	570-CD4527BE	BCD RATE MONITOR/FLIP	0.99	0.89	0.80
CD4532BE	570-CD4532BE	RS/STOQITY ENDR	1.01	0.91	0.82
CD4536BE	570-CD4536BE	PROGRAMMABLE TIMER	1.26	1.13	0.99
CD4538BE	570-CD4538BE	MONOSTABLE MULTIVIB	1.29	1.16	1.05
CD4538BF	570-CD4538BF	DUAL MONO ST MUX	2.72	2.45	2.18
CD4543BE	570-CD4543BE	CRYSTAL DISPLAY DRV	1.20	1.08	0.98
CD4555BE	570-CD4555BE	DECODER/DEMLTRX	0.99	0.89	0.80
CD4556BE	570-CD4556BE	DECODER/DEMLTRX	0.99	0.89	0.80
CD4565BE	570-CD4565BE	4 BIT COMPARATOR	1.20	1.06	0.98
CD40102BE	570-CD40102BE	BCD DOWN COUNT	0.99	0.92	0.82
CD40103BE	570-CD40103BE	8 BIT DWN COUNTER	0.99	0.92	0.82
CD40103BF	570-CD40103BF	8 BIT DOWN COUNTER	2.85	2.57	2.06
CD40105BE	570-CD40105BE	FIFO BUFFER REG	1.70	1.53	1.36
CD40106BE	570-CD40106BE	HEX SCHMITT TRIG	0.71	0.64	0.57
CD40106BF	570-CD40106BF	HEX SCHMITT TRIG	1.59	1.43	1.27
CD40107BE	570-CD40107BE	DUAL/BUFFR DRIVER	0.99	0.89	0.79
CD40108BE	570-CD40108BE	MULTIPOUT REGISTER	5.78	5.29	4.82
CD40109BE	570-CD40109BE	VOLTAGE LEVEL SHIFT	1.59	1.46	1.34
CD40110BE	570-CD40110BE	UP/DOWN COUNTER	2.35	2.30	2.04
CD40147BE	570-CD40147BE	BCD PRIORITY ENCODER	1.82	1.64	1.46
CD40148BE	570-CD40148BE	PROGRAMMABLE COUNTER	0.99	0.89	0.80
CD40161BE	570-CD40161BE	SYNCHRONOUS COUNTER	0.99	0.89	0.80
CD40163BE	570-CD40163BE	SYNCHRONOUS COUNTER	0.99	0.89	0.80
CD40174BE	570-CD40174BE	HEX D FLIP-FLOP	1.05	0.95	0.84
CD40192BE	570-CD40192BE	4 BIT UP/DWN COUNTER	1.46	1.31	1.17
CD40193BD	570-CD40193BD	4 BIT UP/DWN COUNTER	11.18	10.06	8.94
CD40193BE	570-CD40193BE	4 BIT UP/DWN COUNTER	1.58	1.42	1.26
CD40257BE	570-CD40257BE	GUAD MULTIPLEXER	1.66	1.49	1.32



# SSS Transistors

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFQR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500
2N708	511-2N708	TO-18 FAST SW SS NPN	0.48	0.40	0.38
2N718A	511-2N718A	TO-18 GEN PUR SS NPN	0.38	0.32	0.30
2N720A	511-2N720A	TO-18 GEN PUR SS NPN	0.73	0.61	0.58
2N914	511-2N914	TO-18 FAST SW SS NPN	0.48	0.40	0.38
2N918	511-2N918	TO-72 VHF QSC SS NPN	0.62	0.52	0.49
2N956	511-2N956	TO-18 GEN PUR SS NPN	0.73	0.61	0.58
2N1613	511-2N1613	TO-39 GEN PUR SS NPN	0.68	0.53	0.58
2N1711	511-2N1711	TO-39 GEN PUR SS NPN	0.38	0.32	0.30
2N1893	511-2N1893	TO-39 GEN PUR SS NPN	0.68	0.53	0.58
2N2102	511-2N2102	TO-39 GEN PUR SS NPN	0.63	0.54	0.51
2N2218	511-2N2218	TO-39 GEN PUR SS NPN	0.43	0.36	0.34
2N2218A	511-2N2218A	TO-39 GEN PUR SS NPN	0.46	0.38	0.36
2N2219	511-2N2219	TO-39 GEN PUR SS NPN	0.43	0.36	0.34
2N2219A	511-2N2219A	TO-39 GEN PUR SS NPN	0.46	0.38	0.36
2N2221	511-2N2221	TO-18 GEN PUR SS NPN	0.38	0.32	0.30
2N2221A	511-2N2221A	TO-18 GEN PUR SS NPN	0.43	0.36	0.34
2N2222	511-2N2222	TO-18 GEN PUR SS NPN	0.32	0.27	0.26
2N2222A	511-2N2222A	TO-18 GEN PUR SS NPN	0.32	0.27	0.26
2N2368	511-2N2368	TO-18 FAST SW SS NPN	0.79	0.66	0.63
2N2369	511-2N2369	TO-18 FAST SW SS NPN	0.35	0.29	0.28
2N2369A	511-2N2369A	TO-18 FAST SW SS NPN	0.32	0.27	0.26
2N2483	511-2N2483	TO-18 GEN PUR SS NPN	0.68	0.53	0.58
2N2484	511-2N2484	TO-18 LOW LVL SS NPN	0.47	0.39	0.37
2N2845	511-2N2845	TO-18 FAST SW SS NPN	0.90	0.70	0.62
2N2857	511-2N2857	TO-72 VHF/UHF AP NPN	1.10	0.92	0.88
2N2894	511-2N2894	TO-18 FAST SW SS PNP	0.65	0.54	0.51
2N2904	511-2N2904	TO-39 GEN PUR SS PNP	0.43	0.36	0.34
2N2904A	511-2N2904A	TO-39 GEN PUR SS PNP	0.43	0.36	0.34
2N2905	511-2N2905	TO-39 GEN PUR SS PNP	0.43	0.36	0.34
2N2905A	511-2N2905A	TO-39 GEN PUR SS PNP	0.43	0.36	0.34
2N2906	511-2N2906	TO-18 GEN PUR SS PNP	0.32	0.27	0.26
2N2906A	511-2N2906A	TO-18 GEN PUR SS PNP	0.32	0.27	0.26
2N2907	511-2N2907	TO-18 GEN PUR SS PNP	0.35	0.29	0.28
2N2907A	511-2N2907A	TO-18 GEN PUR SS PNP	0.32	0.27	0.26
2N3013	511-2N3013	TO-18 FAST SW SS NPN	0.60	0.50	0.48
2N3014	511-2N3014	TO-18 SW SS NPN	0.83	0.65	0.51
2N3019	511-2N3019	TO-39 GEN PUR SS NPN	0.59	0.49	0.47
2N3020	511-2N3020	TO-39 GEN PUR SS NPN	0.50	0.42	0.40
2N3053	511-2N3053	TO-39 GEN PUR SS NPN	0.46	0.38	0.36
2N3055	511-2N3055	TO-3 POWER SW NPN	1.02	0.85	0.81
2N3107	511-2N3107	NPN TRANS TO-39	0.68	0.53	0.51
2N3108	511-2N3108	TO-39 NPN TRANS	0.68	0.53	0.51
2N3109	511-2N3109	NPN TRANS TO-39	0.68	0.53	0.48
2N3110	511-2N3110	TO-39 NPN TRANS	0.68	0.53	0.48
2N3114	511-2N3114	NPN HI VOLT TO-18	0.81	0.65	0.60
2N3209	511-2N3209	TO-18 PNP SW	0.68	0.53	0.38
2N3250	511-2N3250	TO-18 GEN PUR SS PNP	0.48	0.40	0.38
2N3251	511-2N3251	TO-18 GEN PUR SS PNP	0.48	0.40	0.38
2N3300	511-2N3300	NPN TRANS TO-39	0.68	0.53	0.51
2N3301	511-2N3301	NPN TRANS TO-18	0.54	0.42	0.35
2N3302	511-2N3302	TO-18 GEN PUR SS NPN	0.46	0.38	0.36
2N3419	511-2N3419	TO-39 POWER SW NPN	1.97	1.64	1.56
2N3420	511-2N3420	TO-39 PWR SW NPN	2.30	1.79	1.53
2N3421	511-2N3421	NPN TRANS TO-39	2.57	2.00	1.67
2N3439	511-2N3439	TO-39 POWER SW NPN	0.79	0.66	0.63
2N3440	511-2N3440	TO-39 POWER SW NPN	0.67	0.56	0.53
2N3502	511-2N3502	PNP SML SIO TO-39	0.70	0.54	0.40
2N3503	511-2N3503	TO-39 SM SIO MET	0.70	0.54	0.39
2N3504	511-2N3504	TO-18 SM SIO METAL	0.41	0.34	0.32
2N3505	511-2N3505	TO-18 SM SIO MET	0.99	0.77	0.55
2N3700	511-2N3700	NPN GEN PURP TO-18	0.61	0.47	0.40
2N3713	511-2N3713	TO-3 POWER NPN	1.10	0.92	0.88
2N3714	511-2N3714	TO-3 POWER NPN	1.25	1.04	0.99
2N3715	511-2N3715	TO-3 POWER NPN	1.28	1.07	1.02
2N3716	511-2N3716	TO-3 POWER NPN	1.28	1.07	1.02
2N3724	511-2N3724	TO-39 FAST SW SS NPN	0.78	0.65	0.62
2N3725	511-2N3725	TO-39 FAST SW SS NPN	0.78	0.65	0.62
2N3771	511-2N3771	TO-3 POWER SW NPN	2.50	2.08	1.98
2N3772	511-2N3772	TO-3 POWER SW NPN	2.69	2.24	2.13
2N3789	511-2N3789	TO-3 POWER SW PNP	1.21	1.01	0.96
2N3790	511-2N3790	TO-3 POWER SW PNP	1.28	1.07	1.02
2N3791	511-2N3791	TO-3 POWER SW PNP	1.30	1.08	1.03
2N3792	511-2N3792	TO-3 POWER SW PNP	1.44	1.20	1.14
2N3839	511-2N3839	TO-72 VHF/UHF AM NPN	1.33	1.11	1.06
2N3866	511-2N3866	TO-39 VHF/UHF AM NPN	1.10	0.92	0.88
2N3867	511-2N3867	TO-39 POWER SW PNP	1.67	1.39	1.32
2N3868	511-2N3868	TO-39 POWER SW PNP	1.78	1.48	1.41
2N3902	511-2N3902	TO-3 POWER SW NPN	2.69	2.24	2.13
2N3930	511-2N3930	TO-18 H. VOLT SS PNP	1.31	1.02	0.73
2N3931	511-2N3931	TO-39 HI VOLT SS PNP	0.73	0.61	0.58
2N3962	511-2N3962	TO-18 LOW LVL SS PNP	0.55	0.46	0.44
2N3963	511-2N3963	TO-18 LOW LVL SS PNP	0.54	0.45	0.43
2N3964	511-2N3964	TO-18 LOW LVL SS PNP	0.67	0.56	0.53
2N3965	511-2N3965	TO-18 LOW LVL SS PNP	0.71	0.59	0.56
2N4013	511-2N4013	NPN SWITCH TO-18	0.90	0.70	0.56
2N4014	511-2N4014	TO-18 FST SW SS PNP	0.64	0.61	0.59
2N4030	511-2N4030	TO-39 GEN PUR SS PNP	0.56	0.47	0.45
2N4031	511-2N4031	PNP GEN PURP TO-39	0.81	0.63	0.50
2N4032	511-2N4032	TO-39 GEN PUR SS NPN	0.81	0.63	0.49
2N4033	511-2N4033	TO-39 GEN PUR SS PNP	0.71	0.59	0.56
2N4034	511-2N4034	TO-18 GEN PUR SS PNP	0.64	0.53	0.50
2N4035	511-2N4035	PNP TRANS TO-18	0.77	0.60	0.45
2N4036	511-2N4036	TO-39 GEN PUR SS PNP	0.71	0.59	0.56
2N4037	511-2N4037	TO-39 GEN PUR SS PNP	0.71	0.59	0.56
2N4150	511-2N4150	NPN TRANS TO-39	3.56	2.85	2.67
2N4234	511-2N4234	TO-39 POWER SW PNP	1.30	1.08	1.03
2N4235	511-2N4235	TO-39 POWER SW PNP	1.37	1.14	1.09
2N4236	511-2N4236	TO-39 POWER SW PNP	1.43	1.19	1.13
2N4237	511-2N4237	TO-39 POWER SW PNP	1.30	1.08	1.03
2N4238	511-2N4238	TO-39 POWER SW PNP	1.37	1.14	1.09
2N4239	511-2N4239	TO-39 POWER SW PNP	1.30	1.08	1.03
2N4358	511-2N4358	PNP SML SIO TO-39	1.76	1.37	0.98
2N4398	511-2N4398	TO-3 POWER SW PNP	3.16	2.63	2.50
2N4399	511-2N4399	TO-3 POWER SW PNP	3.49	2.91	2.77
2N4427	511-2N4427	TO-39 VHF/UHF AM NPN	1.10	0.92	0.88
2N4895	511-2N4895	TO-39 POWER SW NPN	1.49	1.24	1.18
2N4896	511-2N4896	TO-39 POWER SW NPN	1.56	1.30	1.24

MFQR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100.	500
2N4918	511-2N4918	TO-126 POWER PNP	0.46	0.38	0.36
2N4919	511-2N4919	TO-126 POWER PNP	0.47	0.39	0.37
2N4920	511-2N4920	TO-126 POWER PNP	0.48	0.40	0.38
2N4921	511-2N4921	TO-126 POWER NPN	0.46	0.38	0.36
2N4922	511-2N4922	TO-126 POWER NPN	0.47	0.39	0.37
2N4923	511-2N4923	TO-126 POWER NPN	0.48	0.40	0.38
2N5038	511-2N5038	TO-3 POWER SW NPN	3.43	2.86	2.72
2N5039	511-2N5039	TO-3 POWER SW NPN	2.88	2.40	2.29
2N5109	511-2N5109	TO-39 WIDE BD AM NPN	1.10	0.92	0.88
2N5151	511-2N5151	TO-39 PWR SW PNP	3.15	2.45	2.30
2N5152	511-2N5152	NPN TRANS TO-39	2.93	2.28	1.93
2N5153	511-2N5153	TO-39 POWER SW PNP	3.16	2.63	2.50
2N5154	511-2N5154	TO-39 POWER SW NPN	2.78	2.32	2.21
2N5179	511-2N5179	TO-72 VHF AMP SS NPN	0.76	0.63	0.60
2N5190	511-2N5190	TO-126 POWER NPN	0.50	0.42	0.40
2N5191	511-2N5191	TO-126 POWER NPN	0.54	0.45	0.43
2N5192	511-2N5192	TO-126 POWER NPN	0.56	0.47	0.45
2N5193	511-2N5193	TO-126 POWER PNP	0.50	0.42	0.40
2N5194	511-2N5194	TO-126 POWER PNP	0.54	0.45	0.43
2N5195	511-2N5195	TO-126 POWER PNP	0.56	0.47	0.45
2N5301	511-2N5301	NPN TRANS TO-3	4.32	3.36	2.40
2N5302	511-2N5302	TO-3 PWR SW NPN	4.20	3.15	2.63
2N5303	511-2N5303	TO-3 PWR SW NPN	4.28	3.21	2.68
2N5320	511-2N5320	TO-39 GEN PUR SS NPN	0.71	0.59	0.56
2N5321	511-2N5321	TO-39 GEN PUR SS NPN	0.67	0.56	0.53
2N5322	511-2N5322	TO-39 GEN PUR SS PNP	0.74	0.62	0.59
2N5323	511-2N5323	TO-39 GEN PUR SS PNP	0.67	0.56	0.53
2N5336	511-2N5336	TO-39 POWER SW NPN	2.92	2.43	2.31
2N5337	511-2N5337	TO-39 PWR SW NPN	3.11	2.55	2.35
2N5338	511-2N5338	TO-39 POWER SW NPN	3.00	2.50	2.38
2N5339	511-2N5339	TO-39 POWER SW NPN	3.50	2.92	2.78
2N5415	511-2N5415	TO-39 POWER SW PNP	0.97	0.81	0.77
2N5416	511-2N5416	TO-39 POWER SW PNP	1.25	1.04	0.99
2N5427	511-2N5427	TO-66 SWITCHING NPN	1.43	1.19	1.14
2N5428	511-2N5428	TO-66 SWITCHING NPN	1.52	1.27	1.21
2N5429	511-2N5429	TO-66 SWITCHING NPN	1.59	1.33	1.27
2N5629	511-2N5629	TO-3 POWER NPN	2.92	2.43	2.31
2N5655	511-2N5655	TO-126 POWER NPN	0.60	0.50	0.48
2N5656	511-2N5656	TO-126 POWER NPN	0.65	0.54	0.51
2N5657	511-2N5657	TO-126 POWER NPN	0.67	0.56	0.53
2N5671	511-2N5671	TO-3 PWR SW NPN	10.12	8.09	6.79
2N5672	511-2N5672	TO-3 PWR SW NPN	10.12	8.09	6.79
2N5679	511-2N5679	TO-39 POWER SW PNP	1.20	1.00	0.95
2N5680	511-2N5680	TO-39 POWER SW PNP	1.33	1.11	1.06
2N5681	511-2N5681	TO-39 POWER SW NPN	1.20	1.00	0.95
2N5682	511-2N5682	TO-39 POWER SW NPN	1.33	1.11	1.06
2N5745	511-2N5745	TO-3 POWER SW PNP	3.38	2.82	2.69
2N5871	511-2N5871	TO-3 POWER PNP	1.10	0.92	0.88
2N5872	511-2N5872	TO-3 POWER PNP	1.16	0.97	0.92
2N5873	511-2N5873	TO-3 POWER NPN	1.10	0.92	0.88
2N5874	511-2N5874	TO-3 POWER NPN	1.16	0.97	0.92
2N5875	511-2N5875	TO-3 POWER SW PNP	1.26	1.05	1.00
2N5876	511-2N5876	TO-3 POWER SW PNP	1.31	1.09	1.04
2N5877	511-2N5877	TO-3 POWER SW NPN	1.26	1.05	1.00
2N5878	511-2N5878	TO-3 POWER SW NPN	1.32	1.10	1.04
2N5883	511-2N5883	TO-3 POWER SW PNP	3.83	2.98	2.55
2N5884	511-2N5884	TO-3 POWER SW PNP	3.38	2.82	2.69
2N5885	511-2N5885	TO-3 POWER SW NPN	4.28	3.33	2.49
2N5886	511-2N5886	TO-3 POWER SW NPN	3.29	2.74	2.61
2N6029	511-2N6029	TO-3 POWER PNP	3.05	2.54	2.42
2N6032	511-2N6032	TO-3 POWER SW NPN	19.08	15.26	12.81
2N6033	511-2N6033	TO-3 POWER SW NPN	20.83	16.66	13.98
2N6034	511-2N6034	TO-126 DARLINTGN PNP	0.52	0.43	0.41
2N6035	511-2N6035	TO-126 DARLINTGN PNP	0.57	0.48	0.46
2N6036	511-2N6036	TO-126 DARLINTGN PNP	0.65	0.54	0.51
2N6037	511-2N6037	TO-126 DARLINTGN NPN	0.52	0.43	0.41
2N6038	511-2N6038	TO-126 DARLINTGN NPN	0.57	0.48	0.46
2N6039	511-2N6039	TO-126 DARLINTGN NPN	0.65	0.54	0.51
2N6040	511-2N6040	TO-220 DARL SW PNP	1.02	0.85	0.81
2N6041	511-2N6041	TO-220 DARL SW PNP	1.33	1.11	1.06
2N6042	511-2N6042	PNP DARL TO-220	1.71	1.33	1.16
2N6043	511-2N6043	NPN DARL TO-220	1.44	1.12	0.80
2N6044	511-2N6044	NPN DARL TO-220	1.58	1.23	1.05
2N6045	511-2N6045	TO-3 DARLINTGN NPN	1.71	1.33	1.16
2N6050	511-2N6050	TO-3 DARLINTGN PNP	1.48	1.23	1.18
2N6051	511-2N6051	TO-3 DARLINTGN PNP	1.52	1.27	1.21
2N6052	511-2N6052	TO-3 DARLINTGN PNP	2.70	2.10	1.50
2N6053	511-2N6053	TO-3 DARLINTGN PNP	1.48	1.23	1.18
2N6054	511-2N6054	TO-3 DARLINTGN PNP	1.52	1.27	1.21
2N6055	511-2N6055	TO-3 DARLINTGN PNP	2.48	1.93	1.38
2N6056	511-2N6056	TO-3 DARLINTGN NPN	1.56	1.30	1.23
2N6057	511-2N6057	TO-3 DARLINTGN NPN	1.57	1.31	1.25
2N6058	511-2N6058	TO-3 DARLINTGN NPN	2.57	2.00	1.43
2N6059	511-2N6059	TO-3 DARLINTGN NPN	2.66	2.07	1.48
2N6099	511-2N6099	NPN TRANS TO-220	1.35	1.05	0.75
2N6107	511-2N6107	TO-220 POWER PNP	1.13	0.88	0.63
2N6109	511-2N6109	TO-220 POWER PNP	0.63	0.52	0.50
2N6111	511-2N6111	TO-220 POWER PNP	0.99	0.49	0.47
2N6121	511-2N6121	TO-220 POWER NPN	0.96	0.46	0.44
2N6122	511-2N6122	NPN TRANS TO-220	1.13	0.88	0.63
2N6123	511-2N6123	NPN TRANS TO-220	1.17	0.91	0.65
2N6124	511-2N6124	TO-220 POWER PNP	0.39	0.49	0.47
2N6125	511-2N6125	PNP TRANS TO-220	1.13	0.88	0.63
2N6126	511-2N6126	TO-220 POWER PNP	0.63	0.52	0.50
2N6249	511-2N6249	TO-3 POWER NPN	6.48	4.86	4.05
2N6282	511-2N6282	TO-3 DARLINTGN SW NPN	4.28	3.33	2.51
2N6283	511-2N6283	TO-3 DARLINTGN SW NPN	4.46	3.47	2.63
2N6284	511-2N6284	TO-3 DARLINTGN SW NPN	3.55	2.96	2.82
2N6285	511-2N6285	TO-3 DARLINTGN SW PNP	4.28	3.33	2.51
2N6286	511-2N6286	TO-3 DARLINTGN SW PNP	4.46	3.47	2.63
2N6287	511-2N6287	TO-3 DARLINTGN SW PNP	3.55	2.96	2.82
2N6288	511-2N6288	TO-220 POWER SW NPN	1.04	0.81	0.58
2N6290	511-2N6290	TO-220 POWER SW NPN	1.13	0.88	0.63
2N6292	511-2N6292	NPN TRANS TO-220	1.17	0.91	0.65
2N6303	511-2N6303	PNP TRANS TO-39	2.39	1.86	1.33
2N6308	511-2N6308	TO-3 POWER SW NPN	3.98	3.32	3.16
2N6354	511-2N6354	NPN TRANS TO-3	5.64	4.23	3.53





# Transistors

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFG#	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100	500
2N6384	511-2N6384	NPN TRANS TO-3	2.79	2.17	1.55
2N6385	511-2N6385	NPN TRANS TO-3	2.93	2.28	1.63
2N6387	511-2N6387	1U-220 DARLNGTN NPN	0.82	0.68	0.65
2N6388	511-2N6388	TO-220 DARLNGTN NPN	0.89	0.74	0.70
2N6486	511-2N6486	NPN TRANS TO-220	1.13	0.88	0.63
2N6487	511-2N6487	TO-220 POWER NPN	0.74	0.62	0.59
2N6488	511-2N6488	TO-220 POWER NPN	0.78	0.65	0.62
2N6489	511-2N6489	TO-220 POWER PNP	0.70	0.58	0.55
2N6490	511-2N6490	TO-220 POWER PNP	0.74	0.62	0.59
2N6491	511-2N6491	TO-220 POWER SW PNP	1.35	1.05	0.75
2N6496	511-2N6496	TO-3 POWER SW NPN	3.67	3.06	2.91
2N6497	511-2N6497	TO-220 POWER SW NPN	1.46	1.22	1.16
2N6498	511-2N6498	TO-220 POWER SW NPN	1.52	1.27	1.21
2N6499	511-2N6499	TO-220 POWER SW NPN	1.61	1.34	1.28
2N6533	511-2N6533	TO-220 POWER SW NPN	1.24	1.03	0.98
2N6542	511-2N6542	TO-3 POWER SW NPN	1.94	1.62	1.54
2N6543	511-2N6543	TO-3 POWER SW NPN	2.69	2.24	2.13
2N6544	511-2N6544	TO-3 POWER SW NPN	2.98	2.15	2.04
2N6545	511-2N6545	TO-3 POWER SW NPN	3.02	2.52	2.40
2N6546	511-2N6546	TO-3 POWER SW NPN	5.40	4.05	3.38
2N6547	511-2N6547	TO-3 POWER SW NPN	4.81	4.01	3.82
2N6576	511-2N6576	TO-3 DARLNTN SW NPN	1.32	1.10	1.04
2N6577	511-2N6577	TO-3 DARLNTN SW NPN	2.88	2.24	1.60
2N6648	511-2N6648	TO-3 DARLNTN SW PNP	1.46	1.22	1.16
2N6650	511-2N6650	TO-3 DARLNTN SW PNP	3.20	2.49	1.78
2N6666	511-2N6666	TO-220AB DARLNGTN PNP	0.82	0.79	0.75
2N6667	511-2N6667	PT DAR PNP TO-220	0.87	0.82	0.79
2N6668	511-2N6668	PNP DARL TO-220	1.71	1.33	0.95
2N6702	511-2N6702	TO-220 POWER NPN	2.03	1.58	1.17
2N7036	511-2N7036	PWR MOS 200V .1 SYS	7.63	7.24	7.10
2N7039	511-2N7039	PWR MOS 500V .4 SYS	7.63	7.24	7.10
MJ802	511-MJ802	TO-3 POWER NPN	2.68	2.23	2.12
MJ900	511-MJ900	TO-3 DARLINGTON PNP	1.34	1.12	1.07
MJ1000	511-MJ1000	TO-3 DARLINGTON NPN	1.28	1.07	1.02
MJ1001	511-MJ1001	TO-3 DARLINGTON NPN	2.72	2.52	2.11
MJ2500	511-MJ2500	TO-3 DARLINGTON PNP	1.49	1.24	1.18
MJ2501	511-MJ2501	TO-3 DARLINGTON PNP	1.68	1.40	1.33
MJ2955	511-MJ2955	TO-3 POWER SW PNP	1.06	0.88	0.84
MJ3000	511-MJ3000	TO-3 DARLINGTON NPN	1.49	1.24	1.18
MJ3001	511-MJ3001	TO-3 DARLINGTON NPN	1.68	1.40	1.33
MJ4030	511-MJ4030	TO-3 DARLINGTON PNP	2.87	2.39	2.28
MJ4033	511-MJ4033	TO-3 DARLINGTON PNP	2.69	2.24	2.13
MJ4035	511-MJ4035	TO-3 DARLINGTON NPN	3.24	2.70	2.57
MJ4502	511-MJ4502	TO-3 POWER PNP	3.34	2.78	2.65
MJ10005	511-MJ10005	TO-3 DARLNTN SW NP	3.56	4.63	4.41
MJ1016	511-MJ1016	TO-3 DARLNTN SW NP	4.07	3.39	3.23
MJE170	511-MJE170	TO-126 POWER SW PNP	0.48	0.40	0.38
MJE171	511-MJE171	TO-126 POWER SW PNP	0.50	0.42	0.40
MJE172	511-MJE172	TO-126 POWER SW PNP	0.52	0.43	0.41
MJE180	511-MJE180	TO-126 POWER SW NPN	0.48	0.40	0.38
MJE181	511-MJE181	TO-126 POWER SW NPN	0.50	0.42	0.40
MJE182	511-MJE182	TO-126 POWER SW NPN	0.52	0.43	0.41
MJE200	511-MJE200	TO-126 POWER NPN	0.48	0.40	0.38
MJE210	511-MJE210	TO-126 POWER PNP	0.50	0.42	0.40
MJE340	511-MJE340	TO-126 POWER NPN	0.76	0.63	0.60
MJE350	511-MJE350	TO-126 POWER PNP	0.86	0.72	0.69
MJE370	511-MJE370	TO-126 POWER PNP	0.48	0.40	0.38
MJE371	511-MJE371	TO-126 POWER SW PNP	0.48	0.40	0.38
MJE520	511-MJE520	TO-126 POWER NPN	0.46	0.38	0.36
MJE521	511-MJE521	TO-126 POWER SW NPN	0.52	0.43	0.41
MJE700	511-MJE700	TO-126 POWER NPN	0.50	0.42	0.40
MJE701	511-MJE701	TO-126 DARLNGTN PNP	0.50	0.42	0.40
MJE703	511-MJE703	TO-126 DARLNGTN PNP	0.55	0.46	0.44
MJE800	511-MJE800	TO-126 DARLNGTN NPN	0.50	0.42	0.40
MJE801	511-MJE801	TO-126 DARLNGTN NPN	0.50	0.42	0.40
MJE803	511-MJE803	TO-126 DARLNGTN NPN	0.55	0.46	0.44
MJE2955T	511-MJE2955T	TO-220 PWR DISC PNP	0.64	0.53	0.50
MJE3055T	511-MJE3055T	TO-220 POWER NPN	0.64	0.53	0.50
MJE13004	511-MJE13004	TO-220 POWER SW NPN	0.98	0.82	0.78
MJE13005	511-MJE13005	TO-220 POWER SW NPN	1.16	0.97	0.92
MJE13006	511-MJE13006	TO-220 POWER SW NPN	1.66	1.38	1.31
MJE13007	511-MJE13007	TO-220 POWER SW NPN	1.75	1.46	1.39
MJE13009	511-MJE13009	TO-220 POWER SW NPN	1.94	1.62	1.54
MTP5N05	511-MTP5N05	TO-220 N-CHA PWR MOS	1.22	1.02	0.97
MTP10N05	511-MTP10N05	TO-220 N-CHA PWR MOS	1.78	1.48	1.41
MTP10N10	511-MTP10N10	TO-220 N-CHA PWR MOS	1.84	1.53	1.46
TIP29	511-TIP29	TO-220 SM POWER NPN	0.39	0.30	0.29

MFG#	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100	500
TIP29A	511-TIP29A	TO-220 POWER NPN	0.39	0.30	0.29
TIP29B	511-TIP29B	TO-220 NPN PWR PLAS	0.42	0.32	0.30
TIP29C	511-TIP29C	TO-220 SM POWER NPN	0.46	0.35	0.33
TIP30	511-TIP30	TO-220 SM POWER PNP	0.39	0.30	0.29
TIP30A	511-TIP30A	PNP TRANS TO-220	0.72	0.56	0.40
TIP30B	511-TIP30B	PNP TRANS TO-220	0.72	0.56	0.40
TIP30C	511-TIP30C	TO-220 SM POWER PNP	0.47	0.36	0.34
TIP31	511-TIP31	TO-220 SM POWER NPN	0.42	0.32	0.30
TIP31A	511-TIP31A	TO-220 POWER NPN	0.46	0.35	0.33
TIP31B	511-TIP31B	TO-220 SM POWER NPN	0.47	0.36	0.34
TIP31C	511-TIP31C	TO-220 POWER NPN	0.42	0.32	0.30
TIP32	511-TIP32	TO-220 SM POWER PNP	0.42	0.32	0.30
TIP32A	511-TIP32A	TO-220 POWER PNP	0.47	0.36	0.34
TIP32B	511-TIP32B	TO-220 POWER PNP	0.42	0.32	0.30
TIP32C	511-TIP32C	TO-220 POWER PNP	0.47	0.36	0.34
TIP33A	511-TIP33A	TO-220 POWER NPN	0.88	0.68	0.65
TIP33B	511-TIP33B	TO-220 POWER NPN	0.90	0.69	0.66
TIP33C	511-TIP33C	TO-220 POWER NPN	0.91	0.70	0.67
TIP34A	511-TIP34A	TO-220 POWER PNP	1.01	0.78	0.74
TIP34B	511-TIP34B	TO-220 POWER PNP	1.03	0.79	0.75
TIP34C	511-TIP34C	TO-220 POWER PNP	1.11	0.85	0.81
TIP35	511-TIP35	TO-218 POWER NPN	1.66	1.28	1.22
TIP35A	511-TIP35A	TO-218 POWER NPN	1.70	1.31	1.25
TIP35B	511-TIP35B	TO-218 POWER NPN	1.72	1.32	1.26
TIP35C	511-TIP35C	TO-218 POWER NPN	1.76	1.35	1.29
TIP36	511-TIP36	TO-218 POWER PNP	1.66	1.28	1.22
TIP36A	511-TIP36A	TO-218 POWER PNP	1.70	1.31	1.25
TIP36B	511-TIP36B	PNP TRANS SOT-93	2.93	2.28	1.63
TIP36C	511-TIP36C	TO-218 POWER NPN	1.76	1.35	1.29
TIP41	511-TIP41	TO-220 SM POWER NPN	0.52	0.40	0.38
TIP41A	511-TIP41A	NPN TRANS TO-220	0.92	0.72	0.51
TIP41B	511-TIP41B	TO-220 SM POWER NPN	0.56	0.43	0.41
TIP41C	511-TIP41C	TO-220 SM POWER NPN	0.59	0.45	0.43
TIP42	511-TIP42	TO-220 POWER PNP	0.52	0.40	0.38
TIP42A	511-TIP42A	TO-220 POWER PNP	0.55	0.42	0.40
TIP42B	511-TIP42B	TO-220 POWER PNP	0.56	0.43	0.41
TIP42C	511-TIP42C	TO-220 TIP42C PNP	0.59	0.45	0.43
TIP47	511-TIP47	NPN TRANS TO-220	0.90	0.70	0.51
TIP48	511-TIP48	TO-220 POWER SW NPN	0.81	0.62	0.59
TIP49	511-TIP49	NPN TRANS TO-220	1.17	0.91	0.66
TIP50	511-TIP50	TO-220 POWER SW NPN	0.99	0.76	0.72
TIP51	511-TIP51	NPN TRANS SOT-93	2.30	1.79	1.28
TIP52	511-TIP52	TO-218 POWER SW NPN	1.82	1.40	1.33
TIP53	511-TIP53	NPN TRANS SOT-93	2.32	1.96	1.41
TIP54	511-TIP54	TO-218 POWER SW NPN	2.09	1.61	1.53
TIP100	511-TIP100	TO-220 NPN PWR PLAS	0.64	0.49	0.47
TIP101	511-TIP101	TO-220 DARLNGTN NPN	0.63	0.50	0.48
TIP102	511-TIP102	NPN DARL TO-220	1.04	0.81	0.58
TIP105	511-TIP105	TO-220 DARLNGTN PNP	0.64	0.49	0.47
TIP106	511-TIP106	TO-220 DARLNGTN PNP	0.65	0.50	0.48
TIP107	511-TIP107	TO-220 DARLNTN SW PNP	0.73	0.56	0.53
TIP110	511-TIP110	TO-220 NPN PWR PLAS	0.47	0.36	0.34
TIP111	511-TIP111	NPN DARL TO-220	0.79	0.61	0.44
TIP112	511-TIP112	TO-220 DARLNGTN NPN	0.51	0.39	0.37
TIP115	511-TIP115	TO-220 DARLNGTN PNP	0.49	0.38	0.36
TIP116	511-TIP116	TO-220 DARLNGTN PNP	0.51	0.39	0.37
TIP117	511-TIP117	PNP DARL TO-220	0.83	0.65	0.46
TIP120	511-TIP120	TO-220 SM POWER NPN	0.55	0.42	0.40
TIP121	511-TIP121	TO-220 NPN PWR PLAS	0.56	0.43	0.41
TIP122	511-TIP122	TO-220 TIP122 NPN	0.59	0.45	0.43
TIP125	511-TIP125	TO-220 PNP PWR PLAS	0.55	0.42	0.40
TIP126	511-TIP126	TO-220 DARLNGTN PNP	0.56	0.43	0.41
TIP127	511-TIP127	TO-220 DARLNGTN PNP	0.59	0.45	0.43
TIP130	511-TIP130	TO-220 DARLNGTN NPN	0.75	0.58	0.55
TIP131	511-TIP131	TO-220 DARLNGTN NPN	0.77	0.59	0.56
TIP132	511-TIP132	TO-220 DARLNGTN NPN	0.79	0.61	0.58
TIP135	511-TIP135	TO-220 DARLNGTN PNP	0.75	0.58	0.55
TIP136	511-TIP136	TO-220 DARLNGTN PNP	0.77	0.59	0.56
TIP137	511-TIP137	TO-220 DARLNGTN PNP	0.79	0.61	0.58
TIP140	511-TIP140	TO-218 DARLNGTN NPN	1.55	1.19	1.13
TIP141	511-TIP141	TO-218 DARLNGTN NPN	1.65	1.27	1.21
TIP142	511-TIP142	TO-218 DARLNGTN NPN	1.69	1.30	1.24
TIP145	511-TIP145	TO-218 DARLNGTN PNP	1.65	1.27	1.21
TIP146	511-TIP146	TO-218 DARLNGTN PNP	1.69	1.30	1.24
TIP147	511-TIP147	TO-218 DARLNGTN PNP	1.74	1.34	1.28
TIP2955	511-TIP2955	PNP TRANS SOT-93	2.00	1.50	1.25
TIP3055	511-TIP3055	TO-126 POWER TRANS	1.48	1.34	1.05

## SSS Memories & Microprocessors

FOR QUANTITIES OF 100 OR MORE CALL FOR QUOTE

MFR	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	10	50
K3Z80	511-K3Z80	SOCKET KIT FOR NEZ80	6.79	6.17	5.88
M2716F1	511-M2716F1	EPROM 16K 450NS	8.10	6.75	5.67
M2732A-2F1	511-M2732A-2F1	4KX8 UV-EPROM 200NS	1.85	1.88	8.30
M2732A-3F1	511-M2732A-3F1	4KX8 UV-EPROM 300NS	9.75	8.13	6.83
M2764A-2F1	511-M2764A-2F1	8KX8 UV-EPROM 200NS	7.20	6.00	5.04
M2764A-3F1	511-M2764A-3F1	8KX8 UV-EPROM 300NS	7.05	5.88	4.94
M2764A-4F1	511-M2764A-4F1	8KX8 UV-EPROM 450NS	6.90	5.75	4.83
M9306B1	511-M9306B1	16K16 SERIAL EPROM	4.20	3.50	2.94
M27128A-2F1	511-M27128A-2F1	16KX8 UV-EPROM 200NS	8.70	7.25	6.09
M27128A-3F1	511-M27128A-3F1	16KX8 UV-EPROM 300NS	7.80	6.50	5.46
M27128A-4F1	511-M27128A-4F1	16KX8 UV-EPROM 450NS	7.65	6.38	5.36
M27128A-F1	511-M27128A-F1	16KX8 UV-EPROM 250NS	8.10	6.75	5.67
M27161F1	511-M27161F1	EPROM 16K 350NS	8.25	6.88	5.78
M27256-2F1	511-M27256-2F1	32KX8 UV-EPROM 200NS	1.25	19.88	7.88
M27256-4F1	511-M27256-4F1	32KX8 UV-EPROM 450NS	0.65	19.88	7.46
M27256-F1	511-M27256-F1	32KX8 UV-EPROM 250NS	1.25	19.38	7.88
Z80-CPU	511-Z80-CPU	CENT PROC UNIT 40/PL	2.85	2.38	1.95
Z80A-CPU	511-Z80A-CPU	CENT PROC UNIT 40/PL	2.91	2.43	2.04
Z80A-DART	511-Z80A-DART	DUAL ASYNC RCVR/XTR	5.76	4.80	3.95
Z80A-DMA	511-Z80A-DMA	DIR MEM ACC CNTLR	9.30	7.76	6.51
Z80A-SIO	511-Z80A-SIO	SERIAL I/O 40/PLAS	5.91	4.93	4.14
Z84C20AB	511-Z84C20AB	Z80A CMOS PIO 4 MHZ	7.80	6.50	5.46
Z84C40AB	511-Z84C40AB	Z80ACMOS SIO/D 4 MHZ	16.20	13.50	11.34
Z8001A	511-Z8001A	SECCPU 8M BYTE 6 MHZ	28.50	23.75	19.95
Z8001CPU	511-Z8001CPU	CPU 4B LD CERAMIC	26.99	22.50	18.90
Z8002A	511-Z8002A	NONSECCPU 64K 6 MHZ	25.50	21.25	17.85
Z8002CPU	511-Z8002CPU	CPU 40 LD CERAMIC	20.99	17.50	14.70



# SSS Linear Integrated Circuits

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500
L78M05CV	511-L78M05CV	+V REG .5A TO-220 5V	0.56	0.47	0.45
L78M05CV	511-L78M05CV	+V REG .5A SOT-82 5V	1.62	1.35	1.29
L78M06CV	511-L78M06CV	+V REG .5A TO-220 6V	0.56	0.47	0.37
L78M06CV	511-L78M06CV	+V REG .5A TO-220 8V	0.56	0.47	0.37
L78M12CV	511-L78M12CV	+V RG .5A TO-220 12V	0.56	0.47	0.37
L78M12CV	511-L78M12CV	+V RG .5A SOT-82 12V	1.62	1.35	1.29
L78M15CV	511-L78M15CV	+V RG .5A TO-220 15V	0.56	0.47	0.37
L78M18CV	511-L78M18CV	+V RG .5A TO-220 18V	0.56	0.47	0.37
L78M20CV	511-L78M20CV	+V RG .5A TO-220 20V	0.56	0.47	0.37
L78M24CV	511-L78M24CV	+V RG .5A TO-220 24V	0.56	0.47	0.37
L78S05CT	511-L78S05CT	+V REG 2A TO-3 5V	2.33	1.94	1.85
L78S05CV	511-L78S05CV	+V REG 2A TO-220 5V	0.86	0.72	0.69
L78S09CT	511-L78S09CT	+V REG 2A TO-3 9V	2.33	1.94	1.85
L78S09CV	511-L78S09CV	+V REG 2A TO-220 9V	0.86	0.72	0.69
L78S10CV	511-L78S10CV	+V REG 2A TO-220 10V	0.86	0.72	0.69
L78S12CT	511-L78S12CT	+V REG 2A TO-3 12V	2.33	1.94	1.85
L78S12CV	511-L78S12CV	+V REG 2A TO-220 12V	0.86	0.72	0.69
L78S15CV	511-L78S15CV	+V REG 2A TO-220 15V	0.86	0.72	0.69
L78S18CT	511-L78S18CT	+V REG 2A TO-3 18V	2.33	1.94	1.85
L78S18CV	511-L78S18CV	+V REG 2A TO-220 18V	0.86	0.72	0.69
L78S24CT	511-L78S24CT	+V REG 2A TO-3 24V	2.33	1.94	1.85
L78S24CV	511-L78S24CV	+V REG 2A TO-220 24V	0.86	0.72	0.69
L78S75CV	511-L78S75CV	+V RG 2A TO-220 7.5V	0.86	0.72	0.69
L272	511-L272	DUAL PWR OP AMP	1.84	1.53	1.39
L293E	511-L293E	PUSH PULL 4 CHANNEL	5.53	4.61	4.19
L296	511-L296	HI POWER SWTCH REG	8.44	7.03	6.39
L297	511-L297	STEPPER MOTOR CONT	4.61	3.84	3.76
L298	511-L298	DUAL H BRIDGE	7.37	6.14	5.85
L2005CT	511-L2005CT	VOLTAGE REGULATORS	1.37	1.27	1.27
L7805ACV	511-L7805ACV	+V RG 1.5A TO-220 5V	0.74	0.62	0.53
L7805CT	511-L7805CT	+V REG 1.5A TO-3 5V	1.81	1.51	1.44
L7805CV	511-L7805CV	+V RG 1.5A TO-220 5V	0.64	0.53	0.42
L7806ACV	511-L7806ACV	+V RG 1.5A TO-220 6V	0.74	0.62	0.53
L7806CT	511-L7806CT	+V REG 1.5A TO-3 6V	1.81	1.51	1.44
L7806CV	511-L7806CV	+V RG 1.5A TO-220 6V	0.64	0.53	0.42
L7808ACV	511-L7808ACV	+V RG 1.5A TO-220 8V	0.74	0.62	0.53
L7808CT	511-L7808CT	+V REG 1.5A TO-3 8V	1.81	1.51	1.44
L7808CV	511-L7808CV	+V RG 1.5A TO-220 8V	0.64	0.53	0.42
L7812ACV	511-L7812ACV	+V R 1.5A TO-220 12V	0.74	0.62	0.53
L7812CT	511-L7812CT	+V REG 1.5A TO-3 12V	1.81	1.51	1.44
L7812CV	511-L7812CV	+V R 1.5A TO-220 12V	0.64	0.53	0.42
L7815ACV	511-L7815ACV	+V R 1.5A TO-220 15V	0.74	0.62	0.53
L7815CT	511-L7815CT	+V REG 1.5A TO-3 15V	1.81	1.51	1.44
L7815CV	511-L7815CV	+V R 1.5A TO-220 15V	0.64	0.53	0.42
L7818ACV	511-L7818ACV	+V R 1.5A TO-220 18V	0.74	0.62	0.53
L7818CT	511-L7818CT	+V REG 1.5A TO-3 18V	1.81	1.51	1.44
L7818CV	511-L7818CV	+V R 1.5A TO-220 18V	0.64	0.53	0.42
L7820ACV	511-L7820ACV	+V R 1.5A TO-220 20V	0.74	0.62	0.53
L7820CT	511-L7820CT	+V REG 1.5A TO-3 20V	1.81	1.51	1.44
L7820CV	511-L7820CV	+V R 1.5A TO-220 20V	0.64	0.53	0.42
L7824ACV	511-L7824ACV	+V R 1.5A TO-220 24V	0.74	0.62	0.53
L7824CT	511-L7824CT	+V REG 1.5A TO-3 24V	1.81	1.51	1.44
L7824CV	511-L7824CV	+V R 1.5A TO-220 24V	0.64	0.53	0.42
L7905CT	511-L7905CT	-V RG 1.5A TO-220 5V	0.82	0.68	0.65
L7905CV	511-L7905CV	-V REG 1.5A TO-3 5V	2.40	1.80	1.50
L7908CT	511-L7908CT	-V RG 1.5A TO-220 8V	0.70	0.58	0.48
L7908CV	511-L7908CV	-V REG 1.5A TO-3 8V	2.40	1.80	1.50
L7912ACV	511-L7912ACV	-V R 1.5A TO-220 12V	0.82	0.68	0.65
L7912CT	511-L7912CT	-V REG 1.5A TO-3 12V	2.40	1.80	1.50
L7912CV	511-L7912CV	-V R 1.5A TO-220 12V	0.70	0.58	0.48
L7915ACV	511-L7915ACV	-V R 1.5A TO-220 15V	0.82	0.68	0.65
L7915CT	511-L7915CT	-V RG 1.5A TO-3 15V	2.40	1.80	1.50
L7915CV	511-L7915CV	-V R 1.5A TO-220 15V	0.70	0.58	0.48
L7918CT	511-L7918CT	-V RG 1.5A TO-3 18V	2.40	1.80	1.50
L7918CV	511-L7918CV	-V R 1.5A TO-220 18V	0.70	0.58	0.48

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500
L7920CT	511-L7920CT	-V RG 1.5A TO-3 20V	2.40	1.80	1.50
L7920CV	511-L7920CV	-V R 1.5A TO-220 20V	0.70	0.58	0.48
L7924CT	511-L7924CT	-V RG 1.5A TO-3 24V	2.40	1.80	1.50
L7924CV	511-L7924CV	-V R 1.5A TO-220 24V	0.70	0.58	0.48
L7952CV	511-L7952CV	-V R 1.5A TO-220 5.2	0.70	0.58	0.48
LM311N	511-LM311N	SINGLE COMP	0.60	0.50	0.42
LM317K	511-LM317K	+ADJ VOLT REG TO-3	2.32	1.93	1.84
LM317T	511-LM317T	3 TERM ADJUST REG	0.84	0.70	0.67
LM324AN	511-LM324AN	QUAD OP AMP DIP-14	0.94	0.78	0.74
LM324N	511-LM324N	QUAD OP AMP	0.51	0.42	0.35
LM339AN	511-LM339AN	QUAD COMP DIP-14	0.94	0.78	0.74
LM339N	511-LM339N	QUAD COMPARATOR	0.51	0.42	0.35
LM358AN	511-LM358AN	DUAL OP AMP	0.82	0.68	0.65
LM358N	511-LM358N	DUAL OP AMP	0.51	0.42	0.35
LM393AN	511-LM393AN	DUAL COMP	0.45	0.38	0.32
LM393N	511-LM393N	DUAL COMPARATOR	0.51	0.42	0.35
LM723CH	511-LM723CH	+ADJ VOLT REG TO-100	0.83	0.69	0.66
LM723CN	511-LM723CN	+ADJ VOLTAGE REG	0.59	0.49	0.47
LM741CH	511-LM741CH	SINGLE OP AMP TO-99	0.78	0.65	0.62
LM741CN	511-LM741CN	SINGLE OP AMP	0.42	0.35	0.33
LM741H	511-LM741H	SINGLE OP AMP TO-99	1.50	1.25	1.19
LM748CN	511-LM748CN	OP-AMP	0.90	0.75	0.63
LM2901N	511-LM2901N	QUAD COMPARATOR	0.60	0.50	0.48
LM2902N	511-LM2902N	QUAD OP AMP	0.60	0.50	0.48
LM2903N	511-LM2903N	QUAD COMPARATOR	0.65	0.54	0.51
LM2904N	511-LM2904N	DUAL OP AMP	0.65	0.54	0.51
LM2930A	511-LM2930A	5V SP VOLT RG TO-220	1.34	1.12	1.07
LM2931A	511-LM2931A	LVD VOLTAGE REG	2.43	2.03	1.70
LM3046N	511-LM3046N	TRANSISTOR ARRAY	1.08	0.90	0.76
MC1458	511-MC1458	DUAL OP AMP	0.48	0.40	0.38
MC1458CM	511-MC1458CM	DUAL OP AMP	0.79	0.66	0.63
MC1458CP1	511-MC1458CP1	DUAL OP-AMP	0.54	0.45	0.38
MC1488P	511-MC1488P	RS232 DRIVER	0.60	0.50	0.42
MC1489P	511-MC1489P	RS232 REC'V	0.60	0.50	0.42
MC3302P	511-MC3302P	QUAD COMPARATOR	0.52	0.43	0.41
MC3403P	511-MC3403P	QUAD OP-AMP	0.96	0.80	0.37
NE555	511-NE555	TIMER	0.47	0.39	0.37
NE555N	511-NE555N	TIMER	0.57	0.48	0.40
NE556	511-NE556	DUAL TIMER	0.65	0.54	0.44
TBA820	511-TBA820	AUDIO AMP	1.65	1.38	1.16
TDA1910	511-TDA1910	AUDIO AMP	6.90	5.75	4.83
TDA2002H	511-TDA2002H	PENTAWATT LINEAR	1.67	1.39	1.32
ULN2001A	511-ULN2001A	7 NPN W/CLMP DIODES	0.87	0.67	0.61
ULN2002A	511-ULN2002A	7 NPN W/CLMP DIODES	0.87	0.67	0.61
ULN2003A	511-ULN2003A	7 NPN DARLNGTN ARRAY	0.87	0.67	0.61
ULN2004A	511-ULN2004A	7 NPN DARLNGTN ARRAY	0.87	0.67	0.61
ULN2064B	511-ULN2064B	QUAD DARLINGTON SW	2.39	1.99	1.91
ULN2065B	511-ULN2065B	QUAD DARLINGTON SW	3.06	2.55	2.43
ULN2066B	511-ULN2066B	QUAD DARLINGTON SW	2.39	1.99	1.91
ULN2067B	511-ULN2067B	4 TRAN ARRAY CMOS	4.95	4.13	3.47
ULN2068B	511-ULN2068B	QUAD DARLINGTON SW	2.39	1.99	1.91
ULN2070B	511-ULN2070B	4 TRAN ARRAY TTL	4.95	4.13	3.47
ULN2070B	511-ULN2070B	4 TRAN ARRAY CMOS	3.90	3.25	2.73
ULN2071B	511-ULN2071B	4 TRAN ARRAY CMOS	4.95	4.13	3.47
ULN2074B	511-ULN2074B	QUAD DARLINGTON SW	2.39	1.99	1.91
ULN2075B	511-ULN2075B	QUAD DARLINGTON SW	3.06	2.55	2.43
ULN2076B	511-ULN2076B	4 TRAN ARRAY CMOS	3.90	3.25	2.73
ULN2077B	511-ULN2077B	4 TRAN ARRAY CMOS	4.95	4.13	3.47
ULN2801A	511-ULN2801A	8 NPN W/CLMP DIODES	1.76	1.35	1.23
ULN2803A	511-ULN2803A	8 NPN W/CLMP DIODES	1.76	1.35	1.23
ULN2804A	511-ULN2804A	8 NPN W/CLMP DIODES	1.76	1.35	1.23
ULN2805A	511-ULN2805A	8 NPN W/CLMP DIODES	1.76	1.35	1.23
ULG2001R	511-ULG2001R	7 TRAN ARRAY OP	1.98	1.65	1.39
ULG2002R	511-ULG2002R	7 TRAN ARRAY PMOS	1.98	1.65	1.39
ULG2003R	511-ULG2003R	7 TRAN ARRAY TTL	1.98	1.65	1.39
ULG2004R	511-ULG2004R	7 TRAN ARRAY CMOS	1.98	1.65	1.39

## SSS Cmos, Microprocessor, and Linear in Micro-Package

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500
Z8470BB	511-Z8470BB	Z80B DART & MHZ	7.50	6.25	5.25
Z8530AB1	511-Z8530AB1	SERIAL COMM CONTROL	14.99	12.50	10.50
Z8531AB1N	511-Z8531AB1N	ASYN SER COM CON 4MH	13.50	11.25	9.45
4050BH	511-4050BH	HEX BUF/CONV NON INV	0.54	0.45	0.42

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500
LM339CM	511-LM339CM	MICRO QUAD COMPARATR	0.94	0.78	0.74
LM393CM	511-LM393CM	MICRO QUAD COMPARATR	0.83	0.69	0.66
LM2901CM	511-LM2901CM	MICRO QUAD COMPARATR	1.31	1.09	1.04
LM2902CM	511-LM2902CM	MICRO QUAD OP AMP	1.31	1.09	1.04

## Quality Transistors

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	10	100
2N5221	581-2N5221	NPN LO-PWR-HI-SIG	0.15	0.10	0.09
BUX48	581-BUX48	SWTCH XSTR 850V 10A	8.77	6.83	6.23
MP5706	581-MP5706	XSTR NPN LO-LEV SW A	0.22	0.15	0.11
MP52926	581-MP52926	XISTOR NPN OP AMP	0.15	0.10	0.09
NP3250	581-NP3250	XISTOR PNP HI-SPD	0.16	0.11	0.10
NP3395	581-NP3395	XSTR NPN SW AMP	0.15	0.10	0.09
NP3397	581-NP3397	XSTR NPN SW AMP	0.15	0.10	0.09
NP3398	581-NP3398	XSTR NPN LO-LEVEL	0.15	0.10	0.09
NP5139	581-NP5139	XIST PNP HI-SP TO-92	0.15	0.11	0.10
NP5447	581-NP5447	XSTR PNP SW AMP	0.08	0.06	0.05

## CsD PHOTO CELL



### SPECIFICATIONS

- 12 OHMS MIN @ 0.1 FT/C/DL
- 250 OHMS @ 100 FT/C/DL
- MAX POWER DISSIPATION: 75mw

PHOTO RESISTIVE, CADMIUM SULFIDE TYPE.  
CHANGES RESISTANCE WITH LIGHT. HIGH  
RESISTANCE IN DARKNESS, LOW RESISTANCE  
WHEN ILLUMINATED.

STOCK NO.	PRICE EACH	
	1	10
524-J4-805	.99	.90

"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.



# SSS Cmos Plastic

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFQR	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100.	500.
HCF4000BE	511-4000	DUAL 3-INPUT NOR&INV	0.38	0.32	0.30
HCF4001BE	511-4001	QUAD 2-INPUT NOR	0.38	0.32	0.30
HCF4002BE	511-4002	DUAL 4-INPUT NOR	0.38	0.32	0.30
HCF4006BE	511-4006	18-BIT STAT SHFT REG	0.78	0.65	0.62
HCF4007BE	511-4007	DUAL COMP PR & INVNT	0.38	0.32	0.30
HCF4008BE	511-4008	4-BIT FULL ADDER	0.81	0.69	0.59
HCF4009BE	511-4009	HEX BUFFER CONVERTER	0.46	0.39	0.33
HCF4010BE	511-4010	HEX BUFFER CONVERTER	0.46	0.39	0.33
HCF4011BE	511-4011	QUAD 2-INPUT NAND	0.38	0.32	0.28
HCF4012BE	511-4012	DUAL 4-INPUT NAND	0.38	0.32	0.28
HCF4013BE	511-4013	DUAL D W/SET/RESET	0.56	0.47	0.40
HCF4014BE	511-4014	8 STAGE W/SYNCH PAR	0.81	0.69	0.59
HCF4015BE	511-4015	DUAL 4 SER/IN PAR/OU	0.86	0.71	0.58
HCF4016BE	511-4016	QUAD BILATERAL SW	0.53	0.45	0.38
HCF4017BE	511-4017	DECADE COUNTER	0.91	0.78	0.65
HCF4018BE	511-4018	PRESET DIV-N COUNT	0.78	0.65	0.62
HCF4019BE	511-4019	QUAD AND/OR SELECT	0.78	0.65	0.62
HCF4020BE	511-4020	14-STAGE B/R COUNTER	0.73	0.61	0.58
HCF4021BE	511-4021	4-STG ASYNCH PAR/IN	0.73	0.61	0.58
HCF4022BE	511-4022	DIV-8 COUN/DIV W/B	0.73	0.61	0.58
HCF4023BE	511-4023	TRIPLE 3-INPUT NAND	0.38	0.32	0.28
HCF4024BE	511-4024	7-STAGE BINARY CNTR	0.64	0.53	0.50
HCF4025BE	511-4025	TRIPLE 3-INPUT NOR	0.38	0.32	0.28
HCF4026BE	511-4026	DEC CNTR/DIV DISPLAY	1.06	0.88	0.73
HCF4027BE	511-4027	DUAL J-K W/SET/RESET	0.56	0.47	0.45
HCF4028BE	511-4028	BCD-TO-DECIMAL DECDR	0.64	0.53	0.50
HCF4029BE	511-4029	PRESET UP/DOWN CNTR	0.74	0.62	0.59
HCF4030BE	511-4030	QUAD EXCLUSIVE OR	0.56	0.47	0.36
HCF4031BE	511-4031	64-STAGE BINARY CNTR	1.30	1.08	1.03
HCF4032BE	511-4032	TRIPLE SERIAL ADDER	1.70	1.20	0.95
HCF4033BE	511-4033	DEC CNTR/DIV RIPLE	0.94	0.78	0.65
HCF4034BE	511-4034	8 STG BIRECT REG	1.54	1.32	1.28
HCF4035BE	511-4035	4 STAGE PARALLEL REG	0.70	0.60	0.58
HCF4036BE	511-4036	TRIPLE SER ADD NEG	1.04	0.98	0.94
HCF4037BE	511-4037	12-STAGE B/R COUNTER	0.73	0.61	0.58
HCF4038BE	511-4038	QUAD TRUE/COMP BUFFER	0.64	0.53	0.50
HCF4039BE	511-4039	QUAD Clocked "D"	0.59	0.49	0.47
HCF4040BE	511-4040	QUAD NOR R/S 3 OUTPT	0.70	0.58	0.55
HCF4041BE	511-4041	QUAD NAND R/S 3 OUTPT	0.71	0.59	0.56
HCF4042BE	511-4042	21 STAGE TIM-R	1.31	1.08	0.90
HCF4043BE	511-4043	MICROPOWER P-L LOOP	0.97	0.81	0.77
HCF4044BE	511-4044	MONOSTABLE/ASTABLE	0.73	0.61	0.58
HCF4045BE	511-4045	8 INPUT GATE	0.53	0.45	0.38
HCF4046BE	511-4046	HEX BUF/CONV INVNT	0.56	0.47	0.40
HCF4047BE	511-4047	HEX BUF/CONV NON INV	0.56	0.47	0.40
HCF4048BE	511-4048	B-CHAN ANALOG MULTPX	0.83	0.69	0.66
HCF4049BE	511-4049	DIFFERENTIAL 4-CHAN	0.78	0.65	0.62
HCF4050BE	511-4050	TRI 2-CHAN ANA MULTP	0.78	0.65	0.62
HCF4051BE	511-4051	4-SEG LCD DPLY DRVR	0.77	0.64	0.58
HCF4052BE	511-4052	BCD-7 SEG W/DIS-FREQ	0.89	0.74	0.62
HCF4053BE	511-4053	BCD-7SEG W/STRBD LAT	0.89	0.74	0.62
HCF4054BE	511-4054	14-STG COUN/DIV TOSC	0.78	0.65	0.62
HCF4055BE	511-4055	4-BIT MAG COMPARATOR	0.74	0.62	0.59
HCF4056BE	511-4056	QUAD BILATERAL SW	0.46	0.39	0.33
HCF4057BE	511-4057	16-CHAN ANA MULTPLX	2.03	1.90	1.75
HCF4058BE	511-4058	B-INPUT NAND/AND	0.39	0.33	0.28
HCF4059BE	511-4059	HEX INVERTER	0.39	0.33	0.28
HCF4060BE	511-4060	QUAD EXCLUSIVE-OR	0.39	0.33	0.28
HCF4061BE	511-4061	QUAD 2-INPUT OR	0.39	0.33	0.28
HCF4062BE	511-4062	DUAL 4-INPUT OR	0.39	0.33	0.28

MFQR	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100.	500.
4072BF	511-4072BF	DUAL 4-INPUT OR	0.59	0.49	0.47
HCF4073BE	511-4073	TRIPLE 3-INPUT AND	0.39	0.33	0.28
HCF4075BE	511-4075	TRIPLE 3-INPUT OR	0.35	0.30	0.25
HCF4076BE	511-4076	4BIT D TYPE REGISTER	1.20	0.85	0.66
HCF4077BE	511-4077	QUAD EXCLUSIVE NOR	0.38	0.32	0.28
HCF4078BE	511-4078	8-INPUT NOR/OR	0.38	0.32	0.28
HCF4081BE	511-4081	QUAD 2-INPUT AND	0.38	0.32	0.28
HCF4082BE	511-4082	DUAL 4-INPUT AND	0.38	0.32	0.28
HCF4085BE	511-4085	AND OR INVERTER GATE	0.53	0.47	0.45
HCF4086BE	511-4086	AND OR INVERTER GATE	0.53	0.45	0.44
HCF4089BE	511-4089	BINARY RATE MULTIPLX	1.21	1.01	0.96
HCF4093BE	511-4093	QUAD 2 INPUT NAND	0.56	0.47	0.40
HCF4094BE	511-4094	8-STG SHIFT&STORE	1.02	0.85	0.81
HCF4095BE	511-4095	GATED JK FLIP FLOP	0.98	0.81	0.79
HCF4096BE	511-4096	GATED JK FLIP FLOP	0.98	0.81	0.79
HCF4097BE	511-4097	DIFF 8 CH MULTIPLX	1.75	1.43	1.38
HCF4098BE	511-4098	DUAL MONOSTABLE	0.73	0.61	0.50
HCF4099BE	511-4099	8-BIT ADDRESSABLE	0.98	0.82	0.78
HCF4502BE	511-4502	STROBED HEX INV/BUFF	0.78	0.65	0.62
HCF4503BE	511-4503	HEX 3-STATE BUFFER	1.20	0.80	0.61
HCF4508BE	511-4508	DUAL 4-BIT LATCH	1.56	1.30	1.24
HCF4510BE	511-4510	PRST 4-BIT BCD UP/DN	0.78	0.65	0.62
HCF4511BE	511-4511	BCD-7 SEG LATCH DEC	0.78	0.65	0.62
HCF4512BE	511-4512	8-CHAN DATA SELECTOR	0.74	0.62	0.59
HCF4514BE	511-4514	4BIT LTCH/4-16 LN HI	1.44	1.20	1.14
HCF4515BE	511-4515	4BIT LTCH/4-16 LN LO	1.44	1.20	1.14
HCF4516BE	511-4516	PRST 4-BIT BIN UP/DN	0.73	0.61	0.58
HCF4517BE	511-4517	DUAL 64 STG SHFT RQ	1.75	1.40	1.14
HCF4518BE	511-4518	DUAL BCD UP COUNTER	0.74	0.62	0.59
HCF4520BE	511-4520	DUAL BIN UP COUNTER	0.74	0.62	0.59
HCF4527BE	511-4527	BCD RATE MULTIPLIER	0.89	0.74	0.70
HCF4532BE	511-4532	8-INPUT PRIOR ENCODR	0.94	0.78	0.74
HCF4536BE	511-4536	PROGRAMMABLE TIMER	1.19	0.99	0.82
HCF4555BE	511-4555	DUAL 1-OF-4 DEC HIGH	0.59	0.49	0.47
HCF4556BE	511-4556	DUAL 1-OF-4 DEC LOW	0.59	0.49	0.47
HCF4585BE	511-4585	4-BIT MAG COMPARATOR	0.73	0.61	0.58
HCF40100BI	511-40100	32-BIT LEFT/RIGHT	0.99	0.83	0.69
HCF40101BE	511-40101	9-BIT ALU RATE MULT	0.73	0.60	0.50
HCF40102BE	511-40102	PRST 8-BIT BIN DOWN	1.16	0.96	0.79
HCF40103BE	511-40103	PRST 8-BIT BIN DOWN	1.16	0.96	0.79
HCF40104BE	511-40104	3-STATE 4-BIT L/R	0.82	0.68	0.56
HCF40105BE	511-40105	4-BITX16 WORK FI FD	1.28	1.06	0.88
HCF40106BE	511-40106	HEX SCHMITT TRIGGER	0.65	0.56	0.46
HCF40107BE	511-40107	DUAL 2-IN NAND BUFF	0.49	0.42	0.35
HCF40108BE	511-40108	4X4 MULTIPRT REGISTR	2.52	2.02	1.74
HCF40109BE	511-40109	QUAD LOW/HI INTFACE	0.63	0.54	0.45
HCF40110BE	511-40110	DECADE UP/DN CNTR	1.51	1.20	0.95
HCF40160BE	511-40160	DEC CNTR/ASYNCH CLR	0.91	0.75	0.67
HCF40161BE	511-40161	SYNC PROGRAMBL CNTR	1.20	0.85	0.67
HCF40162BE	511-40162	DECADE COUNTER	1.20	0.85	0.67
HCF40163BE	511-40163	BIN CNTR/SYNCH CLR	0.91	0.75	0.69
HCF40174BE	511-40174	HEX "D" FLIP FLOP	0.78	0.67	0.58
HCF40181BE	511-40181	4-BIT ARITHMIC UNIT	2.22	1.85	1.76
HCF40182BE	511-40182	LOOK-AHEAD CARRY BLK	0.78	0.65	0.62
HCF40192BE	511-40192	PRST 4-BIT BCD UP/DN	0.82	0.68	0.62
HCF40193BE	511-40193	PRST 4-BIT BIN UP/DN	0.82	0.68	0.62
HCF40194BE	511-40194	4 BIT SHIFT REGISTER	0.82	0.68	0.64
HCF40208BE	511-40208	4X4 MULTIPORT ROSTER	3.25	2.50	2.25
HCF40257BE	511-40257	QUAD 2-LN TO 1-LN	1.05	0.87	0.72

## SSS HIGH SPEED CMOS

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFQR	MOUSER PART NO.	DESCRIPTION	PRICE EACH		
			1	100.	500.
M74HC00	511-M74HC00	QUAD 2-IN NAND GATE	0.47	0.39	0.37
M74HC02	511-M74HC02	QUAD 2-IN NOR GATE	0.47	0.39	0.37
M74HC03	511-M74HC03	QUAD 2-IN NAND GATE	0.46	0.40	0.34
M74HC04	511-M74HC04	HEX INVERTER	0.46	0.40	0.34
M74HC08	511-M74HC08	QUAD 2-IN AND GATE	0.47	0.39	0.37
M74HC10	511-M74HC10	TRIPLE 3-IN NAND GT	0.47	0.39	0.37
M74HC11	511-M74HC11	TRIPLE 3-IN AND GATE	0.47	0.39	0.37
M74HC14	511-M74HC14	HEX SCHMITT INVNT	0.83	0.69	0.66
M74HC20	511-M74HC20	DUAL 4-IN AND GATE	0.47	0.39	0.37
M74HC21	511-M74HC21	DUAL 4-IN AND GATE	0.47	0.39	0.37
M74HC27	511-M74HC27	TRIPLE 3-IN NOR GATE	0.47	0.39	0.37
M74HC30	511-M74HC30	8-INPUT NAND GATE	0.47	0.39	0.37
M74HC32	511-M74HC32	QUAD 2-INPUT OR GATE	0.47	0.39	0.37
M74HC42	511-M74HC42	BCD TO DEC DECODER	1.01	0.84	0.80
M74HC51	511-M74HC51	DUAL 2W-2I AND/OR IN	0.47	0.39	0.37
M74HC73	511-M74HC73	DUAL J-K FF W/CLR	0.56	0.47	0.45
M74HC74	511-M74HC74	DUAL D TYPE FF	0.56	0.47	0.45
M74HC75	511-M74HC75	4-BIT D TYPE LATCH	0.91	0.79	0.67
M74HC76	511-M74HC76	DUAL J-K FLIP FLOP	0.65	0.54	0.51
M74HC77	511-M74HC77	QUAD D-TYPE LATCH	0.64	0.53	0.50
M74HC85	511-M74HC85	4-BIT MAGNITUDE CMP	1.33	1.11	1.06
M74HC86	511-M74HC86	QUAD EXCLUSIVE OR GAT	0.55	0.46	0.44
M74HC107	511-M74HC107	QUAD J-K FLIP-FLOP	0.65	0.54	0.51
M74HC109	511-M74HC109	QUAD J-K FF W/ P & C	0.72	0.63	0.53
M74HC112	511-M74HC112	DUAL J-K FF W/ P & C	0.76	0.66	0.56
M74HC113	511-M74HC113	DUAL J-K FLIP FLOP	0.76	0.66	0.56
M74HC123	511-M74HC123	DUAL MONOSTBL MULTIV	0.74	0.62	0.59
M74HC125	511-M74HC125	QUAD BUS BUF 3 STATE	0.84	0.70	0.67
M74HC126	511-M74HC126	QUAD BUS BUF 3 STATE	0.84	0.70	0.67
M74HC131	511-M74HC131	3TOS LN DECODR LATCH	0.70	0.58	0.55
M74HC132	511-M74HC132	QUAD 2-IN SCHMT NAND	1.01	0.84	0.80
M74HC133	511-M74HC133	13 INPUT NAND GATE	0.47	0.39	0.37
M74HC137	511-M74HC137	3TOS LN DECODR LATCH	1.19	0.99	0.95
M74HC138	511-M74HC138	3 TO 8 LINE DECODER	0.95	0.79	0.75
M74HC139	511-M74HC139	DUAL 2TOD 4 LINE DECOD	0.78	0.65	0.62
M74HC147	511-M74HC147	10TOD 4 LINE PRI ENCOD	1.01	0.84	0.80
M74HC148	511-M74HC148	8TOD 3 LINE PRI ENCODR	0.95	0.79	0.75
M74HC151	511-M74HC151	8TOD 1 LINE MULTIPLEX	0.86	0.72	0.69
M74HC153	511-M74HC153	DUAL 4TOD 1 LN MULTPLX	0.84	0.70	0.67

MFQR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100.	500
M74HC155	511-M74HC155	DUAL 2T04 LN DECODER	0.89	0.74	0.70
M74HC157	511-M74HC157	QUAD 2 TO 1 MPLXR	0.80	0.69	0.59
M74HC158	511-M74HC158	QUAD 2 TO 1 MPX INV	0.87	0.76	0.64
M74HC160	511-M74HC160	SYNCA DECADE COUNTER	0.95	0.83	0.70
M74HC161	511-M74HC161	SYNCA BINARY COUNTER	1.09	0.91	0.87
M74HC162	511-M74HC162	SYNCA DEC CNTR W/SCLR	0.95	0.83	0.70
M74HC163	511-M74HC163	SYNCA BIN CNTR W/SCLR	0.95	0.83	0.70
M74HC164	511-M74HC164	8-BIT SIPO SHIFT REG	1.19	0.99	0.95
M74HC165	511-M74HC165	8-BIT PISO SHIFT REG	1.33	1.11	1.06
M74HC166	511-M74HC166	8-BIT PISO SHIFT REG	0.91	0.79	0.67
M74HC173	511-M74HC173	QUAD D-TYPE REG 3-ST	1.03	0.86	0.82
M74HC174	511-M74HC174	HEX D FF W/ CLEAR	0.87	0.76	0.64
M74HC175	511-M74HC175	QUAD D FF W/ CLEAR	0.95	0.83	0.70
M74HC182	511-M74HC182	LOCKA AHEAD CARRY GEN	0.91	0.79	0.67
M74HC190	511-M74HC190	BCD SYNC UP/DN CNTR	1.80	1.50	1.43
M74HC191	511-M74HC191	4-BIT SYNC BIN UP/DN	1.80	1.50	1.43
M74HC192	511-M74HC192	SYNC UP/DN DEC CNTR	1.10	0.96	0.81
M74HC193	511-M74HC193	SYNC UP/DN BIN CNTR	1.16	0.97	0.82
M74HC194	511-M74HC194	4-BIT PIPO SHIFT REG	1.14	0.99	0.94
M74HC195	511-M74HC195	4-BIT PIPO SHIFT REG	1.29	1.12	0.95
M74HC221	511-M74HC221	DUAL MONOSTABLE	0.91	0.79	0.67
M74HC237	511-M74HC237	3 TO 8 LINE DECODER	0.99	0.86	0.73
M74HC238	511-M74HC238	3 TO 8 LINE DECODEX	0.70	0.58	0.55
M74HC240	511-M74HC240	OCTAL BUS BUFF 3-ST	1.56	1.30	1.24
M74HC241	511-M74HC241	OCTAL BUS BUFF 3-ST	1.56	1.30	1.24
M74HC242	511-M74HC242	QUAD BUS TRANSCEIVER	1.56	1.30	1.24
M74HC243	511-M74HC243	QUAD BUS TRANSCEIVER	1.56	1.30	1.24
M74HC244	511-M74HC244	OCTAL BUS BUFF 3-ST	1.56	1.30	1.24
M74HC245	511-M74HC245	OCTAL BUS TRANSCEIVER	2.03	1.69	1.61
M74HC251	511-M74HC251	8-CHAN MPLXR 3-ST	0.91	0.79	0.67
M74HC253	511-M74HC253	DUAL 4-CHAN MULTPLXR	0.76	0.66	0.56
M74HC257	511-M74HC257	QUAD 2-CHAN MULTPLXR	0.76	0.66	0.56
M74HC258	511-M74HC258	QUAD 2-CHAN MULTPLXR	0.79	0.66	0.63
M74HC259	511-M74HC259	3-BIT ADDRESSABLE LTCH	1.09	0.91	0.87
M74HC273	511-M74HC273	OCTAL D FF W/CLR	1.39	1.16	1.10
M74HC279	511-M74HC279	QUAD S-R LATCH	0.84	0.70	0.67
M74HC280	511-M74HC280	9-BIT PARITY GEN	0.87	0.76	0.64
M74HC283	511-M74HC283	4-BIT BIN FULL ADDER	1.19	0.99	0.95
M74HC298	511-M74HC298	QUAD 2CH MPX REGISTR	0.91	0.79	0.67



# SSS High Speed Cmos

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH			MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500				1	100	500
M74HC299	511-M74HC299	8-BIT FIFO SHIFT REG	1.86	1.62	1.37	M74HC692	511-M74HC692	DECADE CNTR 3-ST	1.75	1.52	1.29
M74HC323	511-M74HC323	8-BIT PIPD SHIFT REG	1.86	1.62	1.37	M74HC693	511-M74HC693	4-BIT 3NRY CNTR 3-ST	1.75	1.52	1.29
M74HC354	511-M74HC354	8 CH MPLX/REGISTER	1.22	1.06	0.90	M74HC696	511-M74HC696	UP/DN DECADE CNTR REG	0.95	0.79	0.75
M74HC356	511-M74HC356	8-CH MPLX/REG 3-ST	1.22	1.06	0.90	M74HC697	511-M74HC697	U/D 4-BIT BIN CNTR R	0.95	0.79	0.75
M74HC365	511-M74HC365	HEX BUS BUFFER	0.87	0.76	0.64	M74HC698	511-M74HC698	U/D DEC CNTR 3-ST	1.63	1.42	1.20
M74HC366	511-M74HC366	HEX BUS BUFFER INV	0.87	0.76	0.64	M74HC699	511-M74HC699	4-BIT 3NRY CNTR 3-ST	1.63	1.42	1.20
M74HC367	511-M74HC367	HEX BUS BUFFER	0.83	0.69	0.66	M74HC4002	511-M74HC4002	DUAL 4-IN NOR GATE	0.47	0.39	0.37
M74HC368	511-M74HC368	HEX BUS BUFFER INV	1.01	0.84	0.80	M74HC4017	511-M74HC4017	DECADE COUNTER	1.44	1.25	1.06
M74HC373	511-M74HC373	OCTAL D TYPE LATCH	1.48	1.23	1.17	M74HC4020	511-M74HC4020	14-STAGE BINARY CNTR	1.24	1.08	0.92
M74HC374	511-M74HC374	OCTAL D TYPE FF	1.48	1.23	1.17	M74HC4022	511-M74HC4022	OCTAL COUNTER/DIVD	1.03	0.89	0.76
M74HC375	511-M74HC375	QUAD D TYPE LATCH	0.95	0.79	0.75	M74HC4024	511-M74HC4024	7-STAGE BINARY CNTR	0.91	0.79	0.67
M74HC377	511-M74HC377	OCTAL D TYPE FF	1.33	1.11	1.06	M74HC4028	511-M74HC4028	BCD-TO-DECIMAL DEC	1.03	0.89	0.76
M74HC386	511-M74HC386	QUAD EXCLSVR OR GATE	0.55	0.46	0.44	M74HC4040	511-M74HC4040	12-STAGE BINARY CNTR	1.21	1.01	0.96
M74HC390	511-M74HC390	DUAL DECADE COUNTER	1.25	1.04	0.99	M74HC4049	511-M74HC4049	HEX BUFFER INV	0.65	0.56	0.48
M74HC393	511-M74HC393	DUAL BINARY COUNTER	1.25	1.04	0.99	M74HC4050	511-M74HC4050	HEX BUFFER	0.78	0.65	0.62
M74HC423	511-M74HC423	DUAL MONOSTBL W/ CLR	1.06	0.92	0.78	M74HC4060	511-M74HC4060	14-STG BIN CNTR/DSC	1.14	0.99	0.84
M74HC533	511-M74HC533	OCTAL D-TYPE LATCH	1.29	1.12	0.95	M74HC4066	511-M74HC4066	QUAD BILATERAL SN	0.86	0.72	0.69
M74HC534	511-M74HC534	OCTAL D-TYPE FF INV	1.29	1.12	0.95	M74HC4072	511-M74HC4072	DUAL 4 INPUT OR GATE	0.53	0.46	0.39
M74HC540	511-M74HC540	OCTAL BUS BUFFER INV	1.84	1.53	1.46	M74HC4075	511-M74HC4075	TRIPLE 3-IN OR GATE	0.47	0.39	0.37
M74HC541	511-M74HC541	OCTAL BUS BU-FER	1.84	1.53	1.46	M74HC4078	511-M74HC4078	8-INPUT NOR GATE	0.47	0.39	0.37
M74HC563	511-M74HC563	OCTAL D TYPE LATCH	1.78	1.48	1.41	M74HC4094	511-M74HC4094	8-BIT SIPO SHFT 3-ST	1.25	1.09	0.92
M74HC564	511-M74HC564	OCTAL D-TYPE FF INV	1.44	1.25	1.06	M74HC4511	511-M74HC4511	BCD-TO-7SEG LTCH/DEC	1.18	1.02	0.87
M74HC573	511-M74HC573	OCTAL D TYPE LATCH	1.78	1.48	1.41	M74HC4518	511-M74HC4518	DUAL SYNC BCD CNTR	1.25	1.09	0.92
M74HC574	511-M74HC574	OCTAL D TYPE FF	1.78	1.48	1.41	M74HC4520	511-M74HC4520	DUAL 4-BIT 3NRY CNTR	1.25	1.09	0.92
M74HC590	511-M74HC590	8-BIT 3IN CNIR REG	1.33	1.11	1.06	M74HC4538	511-M74HC4538	DUAL MONOSTBL MULTI	1.03	0.89	0.76
M74HC595	511-M74HC595	8-BIT SHFT REG LATCH	1.30	1.08	1.03	M74HC4543	511-M74HC4543	BCD TO 7-SEG LTCH DR	1.03	0.89	0.76
M74HC597	511-M74HC597	8-BIT LATCH SHFT REG	0.97	0.81	0.77	M74HC7266	511-M74HC7266	QUAD EXCLUSIVE NOR	0.76	0.66	0.56
M74HC620	511-M74HC620	OCTAL BUS TRANSCEIVR	2.82	2.35	2.24	M74HC7292	511-M74HC7292	PQMBL DIVIDER/TIMFR	1.60	1.39	1.18
M74HC623	511-M74HC623	OCTAL BUS TRANSCEIVR	2.82	2.35	2.24	M74HC7294	511-M74HC7294	PQMBL DIVIDER/TIMER	1.48	1.29	1.09
M74HC640	511-M74HC640	OCTAL BUS TRANSCEIVR	1.60	1.39	1.18	M74HC40102	511-M74HC40102	DUAL BCD PGM D COUNT	1.63	1.42	1.20
M74HC643	511-M74HC643	OCTAL BUS TRANSCEIVR	1.60	1.39	1.18	M74HC40103	511-M74HC40103	8-BIT 3NRY PGM D CNT	1.63	1.42	1.20
M74HC670	511-M74HC670	4WORD X 4BIT RC FILE	1.33	1.16	0.98	M74HCT541	511-M74HCT541	OCTAL BUS BUFFER	1.90	1.58	1.50
M74HC688	511-M74HC688	8-BIT EQUALITY COMP	1.28	1.07	1.02	M74HCT573	511-M74HCT573	OCTAL D TYPE LATCH	1.86	1.55	1.48
M74HC690	511-M74HC690	DECADE COUNTER	1.75	1.52	1.29	M74HCU04	511-M74HCU04	HEX INV SINGLE STG	0.47	0.39	0.37

# SSS Low Power Shottky

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH			MFGR	MOUSER PART NO.	DESCRIPTION...	PRICE EACH		
			1	100	500				1	100	500
T74LS00B1	511-74LS00	QUAD 2-IN NAND GATE	0.42	0.36	0.30	T74LS168B1	511-74LS168	UP/DN DECADE COUNTER	1.04	0.86	0.71
T74LS01B1	511-74LS01	QUAD 2-IN NAND GATE	0.33	0.29	0.24	T74LS169B1	511-74LS169	SYNC MOD-16 BIN	1.04	0.86	0.71
T74LS02B1	511-74LS02	QUAD 2-IN NOR GATE	0.42	0.36	0.30	T74LS170B1	511-74LS170	4X4 REGISTER FILE	1.25	1.04	0.86
T74LS03A81	511-74LS03A	QUAD 2-IN NAND	0.33	0.29	0.24	T74LS174B1	511-74LS174	HEX D FLIP-FLOP W/CL	0.73	0.61	0.50
T74LS04B1	511-74LS04	HEX INVERTER	0.42	0.36	0.30	T74LS175B1	511-74LS175	QUAD OFF W/CLR	0.59	0.51	0.42
T74LS05A81	511-74LS05A	HEX INVERTER	0.33	0.29	0.24	T74LS181B1	511-74LS181	UP/DN DECADE COUNTER	2.22	1.78	1.39
T74LS08B1	511-74LS08	QUAD 2-IN AND GATE	0.42	0.36	0.30	T74LS190B1	511-74LS190	UP/DN DECADE COUNTER	0.95	0.78	0.65
T74LS09B1	511-74LS09	QUAD 2-INP AND OR	0.42	0.36	0.30	T74LS191B1	511-74LS191	UP/DN BINARY COUNTER	0.95	0.78	0.65
T74LS10B1	511-74LS10	TRIP 3-IN NAND GATE	0.42	0.36	0.30	T74LS192B1	511-74LS192	UP/DN DECADE COUNTER	0.95	0.78	0.65
T74LS11B1	511-74LS11	TRIP 3-INPUT AND GT	0.42	0.36	0.30	T74LS193B1	511-74LS193	UP/DN BIN CNIR	0.95	0.78	0.65
T74LS12B1	511-74LS12	TRIP 3-INPUT	0.33	0.29	0.24	T74LS194A81	511-74LS194A	4-BIT RIGHT/LEFT	0.74	0.61	0.52
T74LS13B1	511-74LS13	DUAL 4-INPUT SHIT TR	0.56	0.48	0.40	T74LS195A81	511-74LS195A	4-BIT SHIFT REG	0.67	0.55	0.46
T74LS14B1	511-74LS14	HEX SCHMITT TRIGGER	0.56	0.48	0.40	T74LS196B1	511-74LS196	4-BIT BINARY COUNTER	0.79	0.66	0.54
T74LS15B1	511-74LS15	TRIP 3-INPUT AND OR	0.46	0.39	0.33	T74LS197B1	511-74LS197	4-BIT BINARY COUNTER	0.79	0.66	0.54
T74LS20B1	511-74LS20	DUAL 4 INPT AND GATE	0.33	0.28	0.24	T74LS240B1	511-74LS240	OCTAL BUFFER	0.81	0.67	0.65
T74LS21B1	511-74LS21	DUAL 4-INPUT AND GT	0.33	0.28	0.24	T74LS241B1	511-74LS241	OCTAL BUFFER	0.81	0.67	0.65
T74LS22B1	511-74LS22	DUAL 4-INPUT NAND OR	0.33	0.28	0.24	T74LS244B1	511-74LS244	OCTAL BUFFER	0.81	0.67	0.65
T74LS26A81	511-74LS26A	QUAD 2 INP NAND	0.39	0.33	0.28	T74LS251B1	511-74LS251	8-INPUT MPLXLR 3-STG	0.76	0.63	0.52
T74LS26B1	511-74LS26	QUAD 2 IN HAND GATE	0.33	0.28	0.24	T74LS253B1	511-74LS253	DUAL 4 IN MULTIPLE	0.56	0.48	0.44
T74LS27B1	511-74LS27	TRIP 3-INPUT NOR GT	0.40	0.35	0.28	T74LS256B1	511-74LS256	DUAL 4-BIT ADDR LAT	1.13	0.93	0.77
T74LS28B1	511-74LS28	QUAD 2-INPUT NOR BUF	0.93	0.45	0.38	T74LS257B1	511-74LS257	QUAD 2 IN MTLPLXR	0.91	0.76	0.63
T74LS30B1	511-74LS30	8 IN NAND	0.33	0.29	0.24	T74LS258B1	511-74LS258	QUAD 2INPT MPLXLR 3ST	0.91	0.76	0.63
T74LS32B1	511-74LS32	QUAD 2-IN OR GATE	0.43	0.37	0.31	T74LS259B1	511-74LS259	8-BIT ADDRESSBLE LATCH	1.04	0.86	0.71
T74LS33B1	511-74LS33	QUAD 2-INPUT NOR	0.49	0.42	0.35	T74LS260B1	511-74LS260	DUAL 5INPT NOR GATE	0.33	0.28	0.24
T74LS37B1	511-74LS37	QUAD 2-INPUT NAND BF	0.49	0.42	0.35	T74LS266B1	511-74LS266	QUAD EXCLUSIVE NOR	0.53	0.45	0.38
T74LS38B1	511-74LS38	QUAD 2-INPUT NAND OC	0.49	0.42	0.35	T74LS273B1	511-74LS273	OCTAL D FLIP-FLOP	1.05	0.87	0.72
T74LS40B1	511-74LS40	DUAL 4-INPUT NAND BF	0.53	0.45	0.38	T74LS279B1	511-74LS279	QUAD-SET RESET LATCH	0.58	0.48	0.40
T74LS42B1	511-74LS42	1-OF-10 DECODER	0.59	0.51	0.42	T74LS280B1	511-74LS280	QUAD SET/RESET	0.67	0.55	0.46
T74LS51B1	511-74LS51	DUAL AND-OR-INVRT GT	0.42	0.36	0.30	T74LS283B1	511-74LS283	4-BIT FULL ADDER	0.82	0.68	0.56
T74LS54B1	511-74LS54	2 3 3 2 IN AOI	0.33	0.29	0.26	T74LS293B1	511-74LS293	MODUL 16 BIN CO	0.56	0.46	0.44
T74LS55B1	511-74LS55	2 WIDE 4-INPUT AND-OR	0.46	0.39	0.34	T74LS295A81	511-74LS295A	4-BIT SHIFT REG	0.70	0.58	0.52
T74LS74A81	511-74LS74A	DUAL D FLIP FLOP	0.46	0.39	0.35	T74LS295B1	511-74LS295	4-BIT SHIFT REG	0.70	0.58	0.52
T74LS83A81	511-74LS83A	4-BIT FULL ADDER	0.73	0.61	0.50	T74LS298B1	511-74LS298	QUAD2MPLXLR W/OUT REG	1.00	0.83	0.69
T74LS86B1	511-74LS86	QUAD EXCLUS OR GATE	0.43	0.37	0.31	T74LS352B1	511-74LS352	DUAL 4INPT MULTPLXR	0.95	0.78	0.65
T74LS93B1	511-74LS93	4-BIT BINARY COUNTER	0.56	0.46	0.38	T74LS353B1	511-74LS353	DUAL 4 INPT MULTIPXR	0.95	0.78	0.65
T74LS95B1	511-74LS95	4-BIT SHIFT REGISTER	0.84	0.70	0.58	T74LS365A81	511-74LS365A	HEX BUFF W/COMM ENAB	0.73	0.61	0.50
T74LS109B1	511-74LS109	DUAL J-K FLIP-FLOP	0.46	0.39	0.33	T74LS366A81	511-74LS366A	HEX INV W/COMM ENAB	0.73	0.61	0.50
T74LS129B1	511-74LS129	QUAD 3 STATE BUFFER	0.60	0.51	0.43	T74LS366B1	511-74LS366	HEX INV 3 STATE COM	0.69	0.54	0.49
T74LS126B1	511-74LS126	QUAD 3 STG BUF HI EN	0.60	0.51	0.43	T74LS367A81	511-74LS367A	HEX BUFF 4 & 2 BIT	0.73	0.61	0.50
T74LS132B1	511-74LS132	QUAD 2-INPUT SHIT TO	0.67	0.57	0.48	T74LS368A81	511-74LS368A	HEX INVT 4 & 2 BIT	0.53	0.45	0.42
T74LS133B1	511-74LS133	13-INPUT NAND GATE	0.43	0.37	0.31	T74LS368B1	511-74LS368	HEXINVS 3STATE4/2 BIT	0.53	0.45	0.42
T74LS136B1	511-74LS136	QUAD EXCLUSIVE OR OC	0.49	0.42	0.35	T74LS373B1	511-74LS373	OCTAL TRANS LATCH	1.05	0.87	0.72
T74LS138B1	511-74LS138	1-8 DCDR/MULTPLXR	0.73	0.61	0.50	T74LS374B1	511-74LS374	OC D-TYPE FLIP-FLOP	1.05	0.87	0.72
T74LS139B1	511-74LS139	DUAL 10F4 DECOD/MULT	0.70	0.60	0.50	T74LS377B1	511-74LS377	OC D FLIP-FLOP REG	1.05	0.87	0.72
T74LS151B1	511-74LS151	8-INPUT MULTIPLEXER	0.67	0.57	0.48	T74LS378B1	511-74LS378	HEX D FF W/ENABLE	0.95	0.78	0.65
T74LS152B1	511-74LS152	8 IN MULTIPLE	0.56	0.48	0.47	T74LS379B1	511-74LS379	4-BIT D FF W/ENABLE	0.95	0.78	0.65
T74LS153B1	511-74LS153	DUAL 4-INPUT MLTPLXR	0.73	0.61	0.50	T74LS390B1	511-74LS390	DUAL DECADE COUNTER	0.98	0.81	0.67
T74LS155B1	511-74LS155	DUAL 1 OF 4 DECODER	0.73	0.61	0.50	T74LS393B1	511-74LS393	DUAL 4STG BIN CNTR	0.95	0.78	0.65
T74LS156B1	511-74LS156	DUAL 1 OF 4 DECODER	0.73	0.61	0.50	T74LS395B1	511-74LS395	SHIFT REGISTER	0.77	0.64	0.57
T74LS157B1	511-74LS157	QUAD 2 INPUT MLTPLXR	0.67	0.57	0.48	T74LS399B1	511-74LS399	DUAL 2-PORT REG	0.77	0.64	0.5



# NEC Linear Integrated Circuits

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO	DESCRIPTION...	PRICE EACH		
			1	100	500
UPC78L05J	551-UPC78L05J	5V 100MA POS REG	0.26	0.23	0.18
UPC78L08J	551-UPC78L08J	8V 100MA POS REG	0.26	0.23	0.18
UPC78L10J	551-UPC78L10J	10V 100MA POS REG	0.26	0.23	0.18
UPC78L12J	551-UPC78L12J	12V 100MA POS REG	0.26	0.23	0.18
UPC78L15J	551-UPC78L15J	15V 100MA POS REG	0.26	0.23	0.18
UPC78M05H	551-UPC78M05H	5V 500MA POS REG	0.38	0.31	0.27
UPC78M08H	551-UPC78M08H	8V 500MA POS REG	0.38	0.31	0.27
UPC78M10H	551-UPC78M10H	10V 500MA POS REG	0.38	0.31	0.27
UPC78M12H	551-UPC78M12H	12V 500MA POS REG	0.38	0.31	0.27
UPC78M15H	551-UPC78M15H	15V 500MA POS REG	0.38	0.31	0.27
UPC78M18H	551-UPC78M18H	18V 500MA POS REG	0.38	0.31	0.27
UPC78M24H	551-UPC78M24H	24V 500MA POS REG	0.38	0.31	0.27
UPC79M05H	551-UPC79M05H	5V 500MA NEG REG	0.52	0.43	0.37
UPC79M08H	551-UPC79M08H	8V 500MA NEG REG	0.52	0.43	0.37
UPC79M12H	551-UPC79M12H	12V 500MA NEG REG	0.52	0.43	0.37
UPC79M15H	551-UPC79M15H	15V 500MA NEG REG	0.52	0.43	0.37
UPC79M24H	551-UPC79M24H	24V 500MA NEG REG	0.52	0.43	0.37
UPC151A	551-UPC151A	FREQ COMP OP AMP	1.19	1.09	0.99
UPC152A	551-UPC152A	IC LINEAR UPC152A	7.59	6.63	6.34
UPC153A	551-UPC153A	IC LINEAR UPC153A	2.56	2.31	2.14
UPC154A	551-UPC154A	IC LINEAR UA725HC	3.60	3.24	2.99
UPC177D	551-UPC177D	IC LINEAR MC3302P	3.60	3.24	2.99
UPC253A	551-UPC253A	IC LINEAR UPC253A	2.08	1.87	1.74
UPC301AC	551-UPC301AC	GEN PUR OP AMP	0.44	0.36	0.31
UPC309C	551-UPC309C	PRECISN POS. REG.	0.58	0.48	0.41
UPC311C	551-UPC311C	PRECISION COMPARATOR	0.30	0.25	0.21
UPC311G	551-UPC311G	PRECISION COMPARATOR	0.30	0.25	0.21
UPC317H	551-UPC317H	ADJ POS REG	0.60	0.50	0.42
UPC319C	551-UPC319C	HI SPEED DUAL COMP.	0.64	0.53	0.45
UPC319G	551-UPC319G	DUAL COMP HI-SPD	0.64	0.53	0.45
UPC324G	551-UPC324G	QUAD OP AMP LOW PWR	0.36	0.30	0.25
UPC337H	551-UPC337H	NEG. ADJ. 3TRM REG.	0.64	0.70	0.60
UPC339C	551-UPC339C	QUAD COMPARATOR	0.30	0.25	0.21
UPC339G	551-UPC339G	QUAD COMPARATOR	0.30	0.25	0.21
UPC354D	551-UPC354D	LOW OFFSET OP AMP	11.43	10.47	9.52
UPC358C	551-UPC358C	LOW PWR DUAL OP AMP	0.26	0.23	0.20
UPC393C	551-UPC393C	LOW PWR DUAL COMP	0.26	0.23	0.18
UPC393G	551-UPC393G	DUAL COMP LOW PWR	0.26	0.23	0.18
UPC398C	551-UPC398C	SAMP & HOLD CRET	2.70	2.25	1.93
UPC454D	551-UPC454D	DUAL MATCH OP AMP	19.69	17.99	16.39
UPC494C	551-UPC494C	SW REG CON CIRCUIT	0.90	0.75	0.64
UPC603D	551-UPC603D	IC LINEAR DAC-01CY	8.50	7.09	6.07

MFGR	MOUSER PART NO	DESCRIPTION...	PRICE EACH		
			1	100	500
UPC614D	551-UPC614D	IC LINEAR DAC-02CCK1	16.99	15.29	14.39
UPC624C	551-UPC624C	8 BIT D/A CONVERTER	2.50	2.06	1.78
UPC647C	551-UPC647C	4.5 DIGIT A/D DIGITL	8.79	7.99	7.35
UPC741C	551-UPC741C	FREQ COMP OP AMP	0.26	0.21	0.18
UPC741G	551-UPC741G	OP AMP GEN PUR	0.26	0.21	0.18
UPC751B	551-UPC751B	AMP FOR MOVING HEAD	12.90	10.77	9.22
UPC751D	551-UPC751D	AMP FOR MOVING HEAD	9.30	8.49	7.75
UPC1060G	551-UPC1060G	PRECISN VLTO REF	1.46	1.21	1.04
UPC1093J	551-UPC1093J	PRECISN SHUNT REG	0.50	0.41	0.35
UPC1458C	551-UPC1458C	DUAL OP AMP	0.30	0.25	0.21
UPC1458G	551-UPC1458G	DUAL OP AMP GEN PUR	0.30	0.25	0.21
UPC1555C	551-UPC1555C	TIMER NESS5	0.30	0.25	0.21
UPC1571C	551-UPC1571C	COMPANDOR	2.48	2.07	1.77
UPC2605H	551-UPC2605H	LOW DROP POS. REG.	1.60	1.33	1.14
UPC2610H	551-UPC2610H	LOW DROP POS. REG.	1.60	1.33	1.14
UPC3403C	551-UPC3403C	HI PERFOR OP AMP	0.56	0.46	0.40
UPC3423	551-UPC3423	OVERVOLTAGE CIRCUIT	0.78	0.65	0.55
UPC4081C	551-UPC4081C	J-FET INPUT OP AMP	0.42	0.35	0.30
UPC4082C	551-UPC4082C	J-FET DUAL OP AMP	0.48	0.40	0.34
UPC4084C	551-UPC4084C	J-FET QUAD OP AMP	0.86	0.71	0.61
UPC4250C	551-UPC4250C	PROG OP AMP DIP	0.60	0.50	0.42
UPC4250G	551-UPC4250G	PROG OP AMP FLAT	0.60	0.50	0.42
UPC4556C	551-UPC4556C	IC LINEAR MC4556CP	0.70	0.67	0.64
UPC4558C	551-UPC4558C	DUAL OP AMP	0.28	0.23	0.20
UPC4558G	551-UPC4558G	DUAL OP AMP GEN PUR	0.28	0.23	0.20
UPC4741C	551-UPC4741C	QUAD HI-SPD OP AMP	0.68	0.56	0.48
UPC4741G	551-UPC4741G	QUAD OP AMP GEN PUR	0.68	0.56	0.48
UPC7809H	551-UPC7809H	5V 1A POS REG TO-220	0.44	0.36	0.31
UPC7809H	551-UPC7809H	8V 1A POS REG TO-220	0.44	0.36	0.31
UPC7812H	551-UPC7812H	12V 1A POS REG	0.44	0.36	0.31
UPC7815H	551-UPC7815H	15V 1A POS REG	0.44	0.36	0.31
UPC7818H	551-UPC7818H	18V 1A POS REG	0.44	0.36	0.31
UPC7824H	551-UPC7824H	24V 1A POS REG	0.44	0.36	0.31
UPC7903H	551-UPC7903H	5V 1A NEG REG TO-220	0.52	0.43	0.37
UPC7908H	551-UPC7908H	8V 1A NEG REG TO-220	0.52	0.43	0.37
UPC7912H	551-UPC7912H	12V 1A NEG REG	0.52	0.43	0.37
UPC7915H	551-UPC7915H	15V 1A NEG REG	0.52	0.43	0.37
UPC7918H	551-UPC7918H	18V 1A NEG REG	0.52	0.43	0.37
UPC7924H	551-UPC7924H	24V 1A NEG REG	0.52	0.43	0.37
UPD1990AC	551-UPD1990AC	CMOS LSI SERIAL I/O	4.48	4.99	3.20
UPD5555C	551-UPD5555C	CMOS TIMER	0.44	0.36	0.31
UPD5556C	551-UPD5556C	DUAL CMOS TIMER	1.26	1.05	0.90

## NEC Diodes and Transistors

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO	DESCRIPTION	PRICE EACH		
			1	100	500
1SS97	551-1SS97	DO-35 SCHOTKY 10MA	0.58	0.46	0.37
1SS99	551-1SS99	DO-35 SCHOTKY 30MA	0.43	0.37	0.32
MC312C	551-MC312C	RF HYBRID AMP 21DB	13.50	11.27	9.65
MC312I	551-MC312I	RF HYBRID AMP 27DB	11.00	9.18	7.86
MC3156	551-MC3156	RF HYBRID AMP 15 SDB	10.36	8.65	7.40
MC3157	551-MC3157	RF HYBRID AMP 25 SDB	11.44	9.31	8.32
MC3192	551-MC3192	RF HYBRID AMP 7 SDB	6.68	5.74	4.91
MC3229	551-MC3229	RF HYBRID AMP 17 SDB	8.44	7.21	6.17
NT350	551-NT350	TO-18A HI VOLT PNP	0.61	0.57	0.55
UPC318C	551-UPC318C	PREC HI SPEED OP AMP	1.44	1.36	1.17
UPC324C	551-UPC324C	QUAD OP AMP	0.36	0.30	0.25
UPC356C	551-UPC356C	JFET LW PWR OP AMP	1.92	1.60	1.37
UPC357C	551-UPC357C	JFET LW PWR OP AMP	1.78	1.48	1.27
UPC811C	551-UPC811C	LOW OFF JFET OP AMP	0.62	0.51	0.44
UPC812C	551-UPC812C	LOW OFF JFET OP AMP	0.60	0.66	0.57
UPC813C	551-UPC813C	LOW OFF JFET OP AMP	0.68	0.73	0.62
UPC814C	551-UPC814C	LOW OFF JFET OP AMP	0.96	0.80	0.68
UPC1032H	551-UPC1032H	DUAL LW NSE ADU PRAM	0.74	0.61	0.52
UPC1373HA	551-UPC1373HA	IR RECVR PREAMP	0.62	0.68	0.58
UPC1663C	551-UPC1663C	ULTRA WD BND DIFF AMP	1.12	0.93	0.80
UPC4061C	551-UPC4061C	LWPR JFET IN OP AMP	0.62	0.51	0.44
UPC4062C	551-UPC4062C	DI LW PR JFET OP AMP	0.74	0.61	0.52
UPC4064C	551-UPC4064C	GD LW PR JFET OP AMP	1.18	0.98	0.84
UPC4071C	551-UPC4071C	LW NSE JFET OP AMP	0.40	0.33	0.28
UPC4072C	551-UPC4072C	LW NS DI JFET OP AMP	0.44	0.36	0.31
UPC4074C	551-UPC4074C	LW NS GD JFET OP AMP	1.08	0.90	0.77
UPC4359C	551-UPC4359C	DUEL PROGMBL AMP	1.80	1.50	1.26
UPC4559C	551-UPC4559C	HQ PRFM DI OP AMP	0.52	0.43	0.37
UPC4570C	551-UPC4570C	ULTI LW NS DI AMP	0.42	0.35	0.30

## NEC Memories and Peripherals

FOR LARGER QUANTITIES, CALL FOR QUOTE

MFGR	MOUSER PART NO	DESCRIPTION...	PRICE EACH		
			1	25	100
UPD27C64-C25	551-UPD27C64-C25	8KX8 CMOS 250NS	11.36	10.67	10.31
UPD27C64-D25	551-UPD27C64-D25	8KX8 UV-EPROM 250NS	6.93	6.50	6.26
UPD27C256-AD12	551-UPD27C256-AD12	32KX8 EPROM-12V120NS	11.23	10.53	10.18
UPD27C256-D20	551-UPD27C256-D20	32KX8 UV-EPROM 200NS	11.23	10.53	10.18
UPD27C256-D25	551-UPD27C256-D25	32KX8 UV-EPROM 250NS	11.23	10.53	10.18
UPD2764-D	551-UPD2764-D	8KX8 UV-EPROM 250NS	8.59	8.06	7.79
UPD2764-D2	551-UPD2764-D2	8KX8 UV-EPROM 200NS	8.59	8.06	7.79
UPD2764C	551-UPD2764C	8KX8 OTP EPROM 250NS	4.27	4.01	3.67
UPD27128C	551-UPD27128C	16KX8 OTP EPROM 250NS	5.63	5.26	5.10
UPD27256-D	551-UPD27256-D	32KX8 UV-EPROM 250NS	10.68	7.56	7.31
UPD70008-AC6	551-UPD70008-AC6	780 CPU CMOS 6MHZ	3.60	3.00	2.80
UPD70008-AC8	551-UPD70008-AC8	780 CPU CMOS 8MHZ	4.50	3.75	3.48

MFGR	MOUSER PART NO	DESCRIPTION...	PRICE EACH		
			1	10	50
UPB8284A	551-UPB8284A	CLOCK-GEN-DRIVER	2.80	2.35	2.18
UPD765A	551-UPD765A	FLOPPY DISK CONTROL	7.00	5.85	5.43
UPD80C39H	551-UPD80C39H	CPU CMOS 8-BIT 12MHZ	5.00	4.70	3.99
UPD7201A	551-UPD7201A	MULTI PROTOCOL SCC	12.00	10.00	9.30
UPD8237A	551-UPD8237A	PROG DMA CONTROLLER	5.00	4.20	3.90
UPD8253C	551-UPD8253C	PROG INTERRUP. TIMER	3.00	2.50	2.33
UPD8255A	551-UPD8255A	PROG I/O P/INTERFACE	3.00	2.50	2.33
UPD8259A	551-UPD8259A	PROG INT CONTROLLER	3.00	2.50	2.33
UPD8748H	551-UPD8748H	CPU W/1K EPROM 11MHZ	10.00	8.35	7.75
UPD8749H	551-UPD8749H	CPU W/2K EPROM 11MHZ	12.00	10.00	9.30
UPD70008-C	551-UPD70008-C	780 CPU CMOS 4MHZ	3.30	2.75	2.55
UPD70108C	551-UPD70108C	CPU CMOS 8/16BIT V20	9.00	7.50	6.97
UPD71034C	551-UPD71034C	PROG COUNTER/TIMER	2.70	2.25	2.10

## NEC Opto Electronics

FOR QUANTITIES OF 1000 OR MORE CALL FOR QUOTE

MFGR	MOUSER PART NO	DESCRIPTION	PRICE EACH		
			1	100	500
MCT2	551-MCT2	OPTO COUPLER NPN	0.56	0.50	0.47
PH103	551-PH103	PHOTO DARLINGTON	0.62	0.50	0.45
PH104	551-PH104	PHOTO TRANSISTOR	0.62	0.50	0.45
PH302	551-PH302	PHOTO DIODE	0.95	0.76	0.68
PH302B	551-PH302B	PHOTO DIODE W/FILTER	1.42	1.02	0.91
PH309	551-PH309	PHOTO DIODE HI SPEED	0.97	0.76	0.70
PH310	551-PH310	PIN PHOTO DIODE	0.80	0.64	0.57
PS2002	551-PS2002	OPTO COUPLER DAR	0.88	0.79	0.74
PS2004	551-PS2004	OPTO COUPLER, DAR	0.88	0.79	0.74
PS2005B	551-PS2005B	HI-IMPACT CUR NPN	2.20	1.98	1.87
PS2006	551-PS2006	HI-SPD OPTO COUPLER	2.60	2.34	2.21
PS2007	551-PS2007	HI-SPD OPTO COUPLER	3.60	3.24	3.06
PS2010	551-PS2010	OPTO COUPLER TRANS	0.56	0.50	0.47
PS2021	551-PS2021	HI-V ISOLATION NPN	0.54	0.48	0.45
PS2022	551-PS2022	HI-V ISOLATION DARL	0.64	0.57	0.54
PS2041	551-PS2041	HI-SPEED NPN	1.70	1.71	1.61
PS2042	551-PS2042	HI-SPEED NPN	1.40	1.71	1.61







# MOUSER® LED's and Flashtubes

## T-1 3/4 INFRARED PHOTOTRANSISTOR

- MAY BE USED WITH ME351-1151 FOR EMITTER/DETECTOR PAIR
- HIGH ILLUMINATION SENSITIVITY
- STABLE CHARACTERISTICS
- USED IN PHOTO DETECTORS, SMOKE DETECTORS, BURGLAR ALARMS, AUTOMATIC CONTROL SYSTEMS AND COMPUTER I/O PERIPHERALS.

STOCK NO.	FIG.	COLLECTOR TO EMITTER			DARK CURRENT @ 15 VCE	PRICE EACH			
		SUSTAINING VOLT @ 100uA	BREAKDOWN VOLT @ 10uA	SATURATION VOLT @ .5mA		1	10	100	500
ME351-1152	1	60V TYP.	8V TYP.	.4V TYP.	100nA	.98	.76	.69	CALL FOR QUOTE

## INFRARED EMITTING DIODE

- MAY BE USED WITH ME351-1152 FOR EMITTER/DETECTOR PAIR
- HIGH RADIANT INTENSITY
- WIDE TEMPERATURE RANGE
- LOW POWER DISSIPATION
- SUITABLE FOR PULSED APPLICATIONS
- LOW AVERAGE DEGRADATION
- USED AS PHOTO DETECTORS, SMOKE DETECTORS, BURGLAR ALARMS, AUTOMATIC CONTROL SYSTEMS AND COMPUTER I/O PERIPHERALS

STOCK NO.	FIG.	FWD. VOLT @ 100mA	REV. CURRENT @ 6V	RADIANT PWR @ 100mA	WAVE LENGTH	CONT. FWD CURRENT	PRICE EACH			
							1	10	100	500
ME351-1151	2	1.3 TYP.	100uA MAX	10mW TYP.	940nm	150mA	.98	.76	.69	CALL FOR QUOTE

## DUAL COLOR LED LAMPS

- REVERSE VOLTAGE MAX: 5V
- POWER DISSIPATION: 120mW
- REVERSE CURRENT @ 5V: 100uA
- WAVELENGTH: RED TYP. 655NM, GRN TYP. 565NM.
- DIFFUSED LENS
- SOLID STATE RELIABILITY
- LONG LIFE
- LOW COST
- COMPATIBLE WITH MOST UTL & TTL CIRCUITS
- LOW POWER CONSUMPTION

STOCK NO.	FIG.	NO. OF LEADS	TYPE	FWD VOLT @ 20mA		LUMINOUS INT. @ 20mA		PRICE EACH			
				RED	GREEN	RED	GREEN	1	10	100	500
ME351-2161	3	2	T-1-3/4	2.0 TYP	2.2 TYP	.8mcd	1.0mcd	.79	.59	.49	CALL FOR QUOTE
ME351-2361	4	3	RECTANGLE	2.0 TYP	2.1 TYP	.8mcd	1.0mcd	.85	.65	.55	CALL FOR QUOTE
ME351-2261	5	3	T-1-3/4	2.0 TYP	2.1 TYP	.8mcd	1.0mcd	.82	.62	.52	CALL FOR QUOTE

## ARGON TRIGGER LAMP

USE THIS 200V ARGON LAMP TO TRIGGER FLASH TUBES.

STOCK NO.	FIG.	FIRING VOLTAGE	PRICE EACH			
			1	10	100	1000
36FR250	6	200VDC	3.24	2.70	2.46	CALL FOR QUOTE

## FLASH TUBES

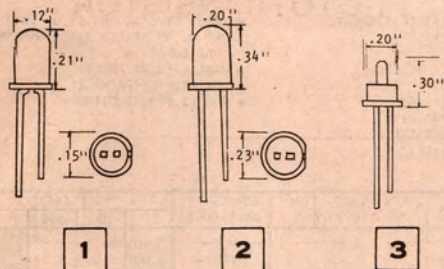
OUR FLASHTUBES HAVE XENON GAS ENCLOSED IN GLASS TUBES WITH AN ELECTRODE ON EACH END. TUBES ARE STRAIGHT, ROUND, OR HORSESHOE TO FIT YOUR APPLICATIONS.

STOCK NO.	FIG.	TYPE	DIMENSIONS (IN)			ANODE VOLTAGE	MIN. TRIGGER VOLTAGE	LIFE FLASHES	PRICE EACH			
			L	D	C				1	10	100	500
36FT050	7	FT-4050	1.97	1.14	1.16	300	6KV	5,000	3.50	2.90	2.65	CALL FOR QUOTE
36FT106	8	FT-6531	1.75	.21	.63	250	6KV	8,000	3.70	3.10	2.80	CALL FOR QUOTE
36FT107	8	FT-106	1.5	.25	.63	300	4KV	8,000	9.40	7.84	7.13	CALL FOR QUOTE
36FT110	8	FT-6538	2.15	.33	.90	300	6KV	8,000	6.70	5.55	5.10	CALL FOR QUOTE
36FT111	8	FT-110	2.13	.24	.71	300	4KV	10,000	11.27	10.76	9.83	CALL FOR QUOTE
36FT118	9	FT-118	1.78	.26	1.0	500	6KV	10,000	20.56	19.69	18.63	CALL FOR QUOTE

SEE TRANSFORMER SECTION OF THIS CATALOG FOR HIGH VOLTAGE TRIGGER TRANSFORMERS.  
SEE CAPACITOR SECTION OF THIS CATALOG FOR PHOTO FLASH CAPACITORS.



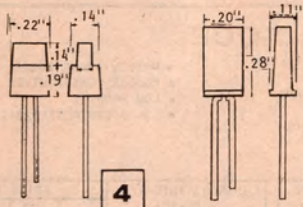
# MOUSER® LED Lamps



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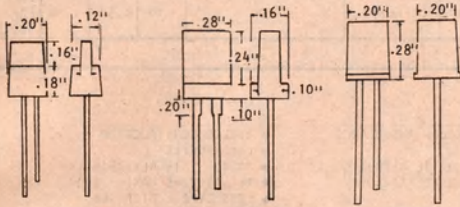
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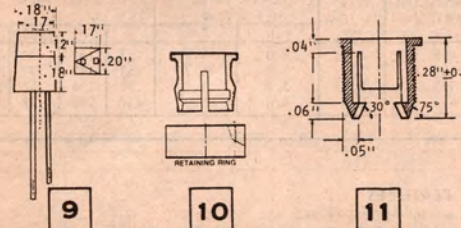
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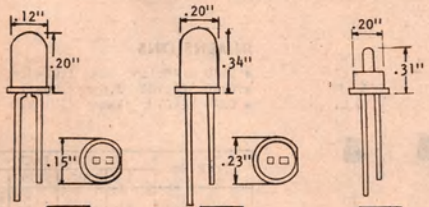


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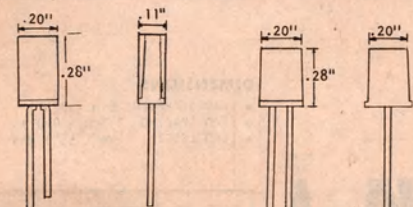
DIMENSIONS IN INCHES



12

13

14



15

16

## FEATURES

- COMPATIBLE WITH MOST DTL AND TTL CIRCUITS
- LOW POWER CONSUMPTION
- LOW COST
- LONG LIFE
- SOLID STATE RELIABILITY
- DIFFUSED LENS

## DIMENSIONS

- LEAD DIAMETER: .042"
- LEAD SPACING: .099"
- LEAD LENGTH: .59" MIN.

## T-1 MINIATURE SIZE

STOCK NO.	FIG.	COLOR	INT.	VREV MIN	I FWD AVE	PWR DISS	V FWD TYP	V FWD MAX	I REV @5V	WAVE LENGTH	PRICE EACH			
											1	100	500	1000
35BL504	1	RED	1.5mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.19	.15	.13	CALL FOR QUOTE
35BL505	1	GRN	1.5mcd	5V	30	105	2.2	2.8	100	565	.32	.25	.22	
35BL506	1	YEL	2.0mcd	5V	30	105	2.2	2.8	100	585	.32	.25	.22	

## T-1 3/4 JUMBO SIZE

STOCK NO.	FIG.	COLOR	INT.	VREV MIN	I FWD AVE	PWR DISS	V FWD TYP	V FWD MAX	I REV @5V	WAVE LENGTH	PRICE EACH			
											1	100	500	1000
35BL501	2	RED	0.8mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655NM	.20	.17	.15	CALL FOR QUOTE
35BL502	2	GRN	1.5mcd	5V	30	105	2.2	2.8	100	565	.32	.25	.22	
35BL503	2	YEL	1.5mcd	5V	30	105	2.2	2.8	100	585	.32	.25	.22	

## SPECIAL SHAPES

STOCK NO.	FIG.	COLOR	INT	VREV MIN	I FWD AVE	PWR DISS	V FWD TYP	V FWD MAX	I REV @5V	WAVE LENGTH	PRICE EACH				
											1	100	500	1000	
PIN POINT .08" DIAMETER (2mm)															
35BL507	3	RED	1.0mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.29	.22	.20	CALL FOR QUOTE	
RECTANGLE .07" x .19" (1.7mm x 4.7mm)															
35BL509	4	RED	1.2mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.29	.22	.20		
RECTANGLE .08" x .2" (2mm x 5mm)															
35BL510	5	RED	1.2mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.29	.22	.20	CALL FOR QUOTE	
RECTANGLE .04" x .2" (1mm x 5mm)															
35BL511	6	RED	1.0mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.30	.23	.21		
RECTANGLE .16" x .28" (4mm x 7mm)															
35BL512	7	RED	1.5mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.30	.23	.21	CALL FOR QUOTE	
SQUARE .2" x .2" (5mm x 5mm)															
35BL513	8	RED	1.5mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.30	.23	.21		
TRIANGLE .17" (4.3mm)															
35BL514	9	RED	1.2mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655 NM	.34	.26	.24		

## LED MOUNTING CLIPS

THESE MOUNTING CLIPS ARE DESIGNED FOR QUICK AND EASY PANEL MOUNTING OF LED LAMPS. OUR ONE PIECE DESIGN WILL REDUCE YOUR PRODUCTION AND HANDLING COST. MADE OF POLY-PROLINE/ABS PLASTIC.

STOCK NO.	FIG	SIZE	DESCRIPTION	PRICE EACH			
				1	100	500	1000
35BL500	10	T-1 3/4	TWO PIECE	.10	.09	.08	CALL FOR QUOTE
ME352-0002	11	T-1 3/4	ONE PIECE	.09	.07	.06	

## MOUSER® CLEAR LENS LED LAMPS

### FEATURES

- COMPATIBLE WITH MOST DTL & TTL CIRCUITS
- LOW POWER CONSUMPTION
- LOW COST
- LONG LIFE
- SOLID STATE RELIABILITY

### DIMENSIONS

- LEAD DIAMETER: .042"
- LEAD SPACING: .099"
- LEAD LENGTH: .59" MIN.

### MINIATURE SIZE

STOCK NO.	FIG	COLOR	INT.	VREV MIN	I FWD AVE	PWR DISS	V FWD TYP	V FWD MAX	I REV @5V	WAVE LENGTH	PRICE EACH			
											1	100	500	1000
ME351-1540	12	RED	1.5mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655NM	.22	.15	.13	CALL FOR QUOTE
ME351-1641	12	GRN	1.5mcd	5V	30	105	2.2	2.8	100	565	.32	.25	.22	
ME351-1742	12	YEL	2.0mcd	5V	30	105	2.2	2.8	100	585	.37	.27	.24	

### T-1 3/4 JUMBO SIZE

STOCK NO.	FIG	COLOR	INT.	VREV MIN	I FWD AVE	PWR DISS	V FWD TYP	V FWD MAX	I REV @5V	WAVE LENGTH	PRICE EACH			
											1	100	500	1000
ME351-2540	13	RED	0.8mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655NM	.20	.17	.15	CALL FOR QUOTE
ME351-2641	13	GRN	1.5mcd	5V	30	105	2.2	2.8	100	565	.32	.25	.22	
ME351-2742	13	YEL	1.5mcd	5V	30	105	2.2	2.8	100	585	.37	.26	.23	

### SPECIAL SHAPES

STOCK NO.	FIG	COLOR	INT.	VREV MIN	I FWD AVE	PWR DISS	V FWD TYP	V FWD MAX	I REV @5V	WAVE LENGTH	PRICE EACH			
											1	100	500	1000
ME351-3540	14	RED	1.0mcd	3V	20ma	100mw	1.7V	2.0V	100UA	655NM	.29	.22	.20	CALL FOR QUOTE
ME351-6540	15	RED	1.2	3V	20	100	1.7	2.0	100	655	.29	.22	.20	
ME351-9540	16	RED	1.5	3V	20	100	1.7	2.0	100	655	.30	.23	.21	

"WE STOCK"



# MOUSER® LED Bar Graphs and Light Bars

## LED BAR GRAPHS

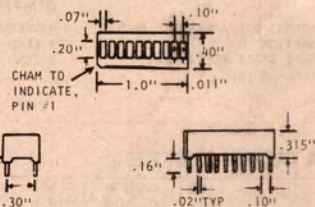


### APPLICATIONS

- INSTRUMENTATION
- INDUSTRIAL CONTROLS
- OFFICE EQUIPMENT
- COMPUTER PERIPHERALS
- CONSUMER PRODUCTS

### SPECIFICATIONS

- REVERSE CURRENT-PER LED: 100µA MAX. @ 3V

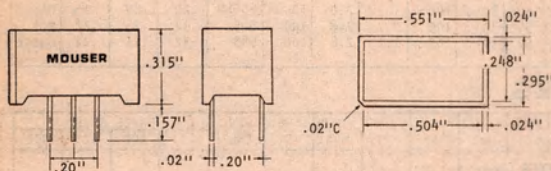


### FEATURES

- LARGE, EASILY DEFINED SEGMENTS
- HIGH ON-OFF CONTRAST
- IC COMPATIBLE
- PACKAGE INTERLOCK TO ENSURE CORRECT ALIGNMENT
- END STACKABLE FOR LONG STRING INFO. CAPABILITY
- INDIVIDUALLY ADDRESSABLE LED'S FOR CHOICE OF DRIVE.
- INDUSTRY STANDARD 0.30" WIDE AND 0.10" SPACED DUAL-IN-LINE CONFIGURATION
- WIDE VIEWING ANGLE
- LOW PROFILE PACKAGE
- RUGGED CONSTRUCTION

STOCK NO.	COLOR	FOR. VOLT. TYP. PER LED @ 20mA	DOMINANT WAVELENGTH	PRICE EACH			
				1	100	500	1000
ME351-2411	RED	1.6V	645nm	3.59	2.89	2.59	CALL FOR QUOTE
ME351-2421	GREEN	2.1V	572nm	3.69	2.99	2.69	CALL FOR QUOTE

## LED LIGHT BAR



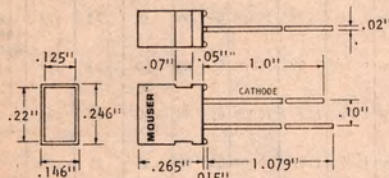
### FEATURES

- DUAL LEDS ALLOW FOR VERSATILITY
- END STACKABLE
- COMPATIBLE WITH MOST DTL AND TTL CIRCUITS
- LOW COST, LONG LIFE AND HIGH RELIABILITY
- WIDE VIEWING ANGLE
- RUGGED CONSTRUCTION
- LOW PROFILE
- SOLID STATE RELIABILITY

STOCK NO.	COLOR	LENS TYPE	LUMINOUS INTENSITY ucd IF=10mA	PRICE EACH			
				1	100	500	1000
ME351-1313	RED	DIFFUSED	1200	1.82	1.51	1.38	CALL FOR QUOTE

## LED LIGHT BARS

THESE LIGHT BARS COMBINE QUALITY, LOW COST AND ATTRACTIVE STYLE INTO A PACKAGE VERSATILE ENOUGH TO FIT A WIDE VARIETY OF NEEDS. THE CATHODE IS LOCATED ON THE LONG LEAD TO MATCH INDUSTRY STANDARDS.



### FEATURES

- AVAILABLE IN RED, GREEN, YELLOW AND ORANGE
- END STACKABLE
- COMPATIBLE WITH MOST DTL AND TTL CIRCUITS
- LOW COST, LONG LIFE AND HIGH RELIABILITY
- WIDE VIEWING ANGLE
- RUGGED CONSTRUCTION
- LOW PROFILE
- SOLID STATE RELIABILITY
- Ir(µA) Vr=5 MAX.: 100
- LENS TYPE: DIFFUSED

STOCK NO.	COLOR	ELECTRICAL & OPTICAL CHARACTERISTIC (Ta=25°C)						PRICE EACH			
		PEAK EMISSION WAVELENGTH (nm) IF=20mA	VF(V) IF=10mA TYP.	LUMINOUS INTENSITY in mcd @ 20mA		MIN.	TYP.	1	10	100	500
ME351-7001	RED	655	1.65	3.0	4.2	.53	.42	.39	CALL FOR QUOTE		
ME351-7002	GREEN	567	2.0	3.3	5.7	.53	.42	.39			
ME351-7003	YELLOW	585	2.0	2.7	3.7	.50	.46	.42			
ME351-7004	ORANGE	635	2.0	4.0	5.9	.58	.46	.42			

## LIGHT BARS

### SPECIFICATIONS

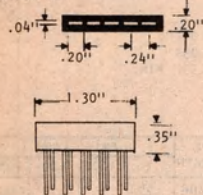
- FORWARD VOLTAGE TYP. (V) @ 10mA: 1.6
- IR REVERSE CURRENT @ 5V: 100µA
- WAVELENGTH: 655NM

### FEATURES

- HIGH INTENSITY RED
- COMPATIBLE WITH MOST DTL AND TTL CIRCUITS
- LOW COST, LONG LIFE
- SOLID STATE RELIABILITY

### ENCLOSED 5 LIGHT ARRAY

- COLOR: RED



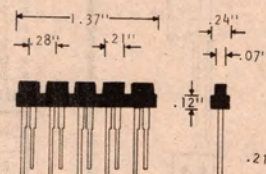
### DIMENSIONS

- LEAD DIAMETER: .6mm (.024")
- LEAD SPACING: 2.5mm (.099")
- LEAD LENGTH: 14mm (.55") MIN.

STOCK NO.	PRICE EACH			
	1	100	500	1000
ME351-1911	1.59	1.29	1.16	CALL FOR QUOTE

### OPEN 5 LIGHT ARRAY

- COLOR: RED



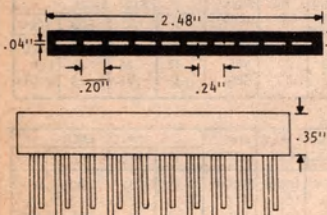
### DIMENSIONS

- LEAD DIAMETER: .6mm (.024")
- LEAD SPACING: 2.5mm (.099")
- LEAD LENGTH: 14mm (.55") MIN

STOCK NO.	PRICE EACH			
	1	100	500	1000
ME351-1711	1.57	1.27	1.13	CALL FOR QUOTE

### ENCLOSED 10 LIGHT ARRAY

- COLOR: RED



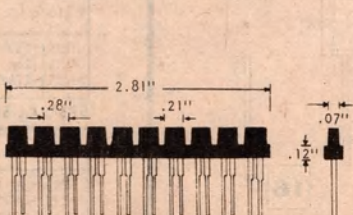
### DIMENSIONS

- LEAD DIAMETER: .6mm (.024")
- LEAD SPACING: 2.5mm (.099")
- LEAD LENGTH: 14mm (.55") MIN

STOCK NO.	PRICE EACH			
	1	100	500	1000
ME351-2011	3.04	2.54	2.31	CALL FOR QUOTE

### OPEN 10 LIGHT ARRAY

- COLOR: RED



### DIMENSIONS

- LEAD DIAMETER: .6mm (.024")
- LEAD SPACING: 2.5mm (.099")
- LEAD LENGTH: 14mm (.55") MIN

STOCK NO.	PRICE EACH			
	1	100	500	1000
ME351-1811	2.77	2.27	1.97	CALL FOR QUOTE



## HIGH RELIABILITY LED INDICATORS

THESE HIGH RELIABILITY SOLID STATE DEVICES HAVE RED LED INDICATORS. THEY WILL GIVE YOUR APPLICATION A QUALITY APPEARANCE.

STOCK NO.	FIG	DESCRIPTION	MTG. HOLE	VF	MAX IF (mA)	MAX VR	PRICE EACH			
							1	10	100	500
35MP050	1	BLACK PLASTIC	.37"	2.1	30	4	1.91	1.59	1.45	CALL FOR QUOTE
35MP051	2	BLACK PLASTIC	.37"	2.1	30	4	1.91	1.59	1.45	
35MP054	3	METAL CASE	.37"	2.1	30	4	2.41	2.03	1.82	
35MP055	4	METAL CASE	.37"	2.1	30	4	2.41	2.03	1.82	
35MP062	5	BLACK PLASTIC	.30"	1.67	40	4	1.37	1.14	1.04	
35MP070	6	METAL CASE	.28"	1.67	40	4	2.36	1.96	1.79	
35MP058	7	RED PLASTIC	.24"	1.67	40	4	1.21	1.02	.92	
35MP059	8	BLACK PLASTIC	.26"x.18"	2.1	30	4	1.47	1.21	1.09	

## STANDARD LED INDICATORS

- REFLECTIVE CHROME FINISH
- STURDY METAL HOUSING
- LOW POWER CONSUMPTION
- LONG LIFE
- SOLID STATE RELIABILITY

STOCK NO.	FIG	COLOR	LENS	MTG. HOLE	VOLTS	PRICE EACH				
						1	10	100	500	
T-1 (3mm) LED INDICATOR ASSEMBLY										
35CA001	9	RED	DIFFUSED	.23"	2.0V	.70	.53	.49	CALL FOR QUOTE	
T-1 3/4 (5mm) LED INDICATOR ASSEMBLIES										
35CA004	10	RED	CLEAR	.31"	2.0V	.95	.72	.65		
35CA005	10	GREEN	CLEAR	.31"	2.0V	.95	.72	.65		
35CA006	10	YELLOW	CLEAR	.31"	2.0V	.95	.72	.65		
35CA007	10	RED	DIFFUSED	.31"	2.0V	.95	.72	.65		
35CA008	10	GREEN	DIFFUSED	.31"	2.0V	.95	.72	.65		
35CA009	10	YELLOW	DIFFUSED	.31"	2.0V	1.02	.79	.71		
T-1 3/4 (5mm) LED INDICATOR ASSEMBLIES										
WITH INTERNAL RESISTOR FOR 6 OR 12 VOLT OPERATION										
35CA002	11	RED	DIFFUSED	.31"	6.0V	1.09	.83	.76	CALL FOR QUOTE	
35CA003	11	RED	DIFFUSED	.31"	12.0V	1.09	.83	.76		

## MOUSER® SNAP IN LED INDICATORS

THESE UNIQUE, HIGH QUALITY LEDS ARE AVAILABLE IN 3 COLORS AND 4 STYLES, ALLOWING USE IN ALMOST ANY APPLICATION. THE DIRECTIONAL AND BI-DIRECTIONAL INDICATORS HAVE A WIDE VARIETY OF USES, WHILE THE ROUND AND RECTANGULAR STYLES CAN BE USED AS INDICATORS TO COMPLEMENT ANY DESIGN. HOUSED IN BLACK PLASTIC, THESE LEDS HAVE DIFFUSED LENSES AND QUICK SNAP-IN MOUNTING.

STOCK NO.	FIG	COLOR	VOLTAGE	MTG. HOLE	PRICE EACH			
					1	10	100	500
RECTANGULAR								
ME351-MP072-R	12	RED	2.1V	.46" x .21"	1.54	1.29	1.17	CALL FOR QUOTE
ME351-MP072-G	12	GREEN	2.1V	.46" x .21"	1.62	1.35	1.23	
ME351-MP072-Y	12	YELLOW	2.1V	.46" x .21"	1.62	1.35	1.23	
ROUND								
ME351-MP075-R	13	RED	2.1V	.31"	1.25	1.04	.94	
ME351-MP075-G	13	GREEN	2.1V	.31"	1.49	1.24	1.13	
ME351-MP075-Y	13	YELLOW	2.1V	.31"	1.49	1.24	1.13	
DIRECTIONAL								
ME351-MP078-R	14	RED	2.1V	.46" x .21"	1.17	.97	.88	
ME351-MP078-G	14	GREEN	2.1V	.46" x .21"	1.29	1.07	.98	
ME351-MP078-Y	14	YELLOW	2.1V	.46" x .21"	1.29	1.07	.98	
BI-DIRECTIONAL								
ME351-MP081-R	15	RED	2.1V	.61" x .22"	2.24	1.87	1.70	CALL FOR QUOTE
ME351-MP081-G	15	GREEN	2.1V	.61" x .22"	2.54	2.12	1.93	
ME351-MP081-Y	15	YELLOW	2.1V	.61" x .22"	2.54	2.12	1.93	

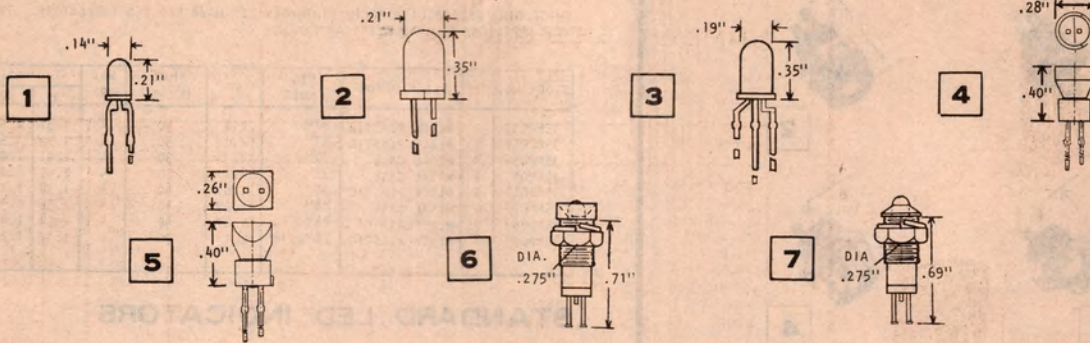
## REPLACEMENT NUTS AND WASHERS

- LOW PROFILE NUTS AND WASHERS
- SEE HARDWARE SECTION FOR MORE HARDWARE

STOCK NO.	FIG	I.D.	FOR USE WITH:	PRICE EACH	
				100	1000
NUTS:					
48AN006	16	6mm	35CA001	.025	.02
48AN008	16	8mm	35CA SERIES LEDS (EXCEPT 35CA001), 35MP SERIES LEDS	.025	.02
WASHERS:					
48CW008	17	8mm	35CA SERIES LEDS (EXCEPT 35CA001), 35MP SERIES LEDS	.02	.01



# IEE Jupiter LED Lamps



- RECOMMENDED FOR PANEL-MOUNTED VISUAL INDICATORS
- COMPATIBLE WITH MOST TTL AND DTL CIRCUITS
- LOW POWER CONSUMPTION
- GENERAL PURPOSE LEADS

- LOW COST
- LONG LIFE, SOLID STATE RELIABILITY
- T 1 3/4 USES 579-80214 MOUNTING CLIP
- DIFFUSED, FRESNEL, TRANSPARENT TYPES

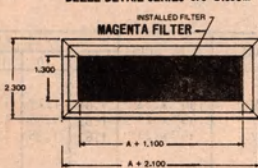
STOCK NO.	FIG.	LENS TYPE*	LUMINOUS INTENSITY MCD TYPICAL	FORWARD VOLT. VF@A TYPICAL	PRICE EACH			
					1	10	100	500
<b>T-1 PACKAGE</b>								
579-201R	1	RED DIFF	2.0@20mA	1.7V@20mA	.26	.24	.19	CALL
579-221R	1	RED DIFF	5.0@20mA	2.0V@20mA	.37	.35	.26	FOR
579-251Y	1	YEL DIFF	4.0@20mA	2.1V@20mA	.40	.38	.29	QUOTE
<b>T-1 3/4 PACKAGE</b>								
579-203R	2	RED DIFF	2.0@20mA	1.7V@20mA	.26	.24	.19	
579-223R	2	RED DIFF	5.0@20mA	2.0V@20mA	.38	.36	.28	
579-4224RT	2	RED TRPNT	30.0@20mA	2.0V@20mA	.43	.40	.32	
579-4233G	2	GRN DIFF	5.0@20mA	2.2V@20mA	.43	.40	.32	

STOCK NO.	FIG.	LENS TYPE*	LUMINOUS INTENSITY MCD TYPICAL	FORWARD VOLT. VF@A TYPICAL	PRICE EACH			
					1	10	100	500
<b>T-1 3/4 DUAL COLOR</b>								
579-232RG	3	WHT DIFF R/G	1.5@10mA	1.9V@10mA	.70	.66	.49	CALL FOR QUOTE
<b>T-2 PACKAGE</b>								
579-1950G	4	GRN FRNL	20.0@20mA	2.0V@20mA	1.98	1.86	1.44	
579-1950R	4	RED FRNL	12.0@20mA	1.7V@25mA	1.74	1.64	1.26	
579-1951G	5	FRN FRNL	20.0@20mA	2.0V@20mA	1.92	1.80	1.39	

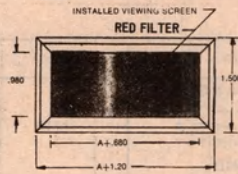
STOCK NO.	FIG.	COLOR	HOUSING	LUMINOUS INTENSITY MCD TYPICAL	FORWARD VOLT. VF@A TYPICAL	PRICE EACH			
						1	10	100	500
<b>LED INDICATOR ASSEMBLIES</b>									
579-1901G	6	GREEN	CHROME	3.0@20mA	2.0V@20mA	3.68	3.45	2.01	CALL
579-1901R	6	RED	CHROME	3.0@10mA	1.67V@10mA	3.25	3.06	1.77	FOR
579-1902R	7	RED	CHROME	1.0@10mA	1.67V@10mA	3.25	3.06	1.77	QUOTE

## IEE LED DISPLAY BEZELS

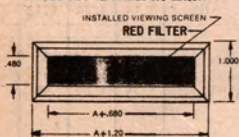
BEZEL DETAIL SERIES 579-24036M-



BEZEL DETAIL SERIES 579-23441R-



BEZEL DETAIL SERIES 579-22463R-



ONE-PIECE MOLDED BEZEL. NO SEAMS OR JOINTS. POLARIZED VIEWING SCREENS INCREASES CONTRAST RATIO AND ELIMINATES AMBIENT REFLECTION. BEZEL OF BLACK GLASS-FILLED NYLON.

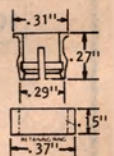
- BEZEL OF BLACK GLASS-FILLED NYLON
- VIEWING SCREEN OF CIRCULAR POLARIZED MATERIAL WITH WIDE ANGLE VIEWING

STOCK NO.	NO. OF DIGITS	A DIA.	PRICE EACH			
			1	10	50	100
<b>FOR UP TO .37-inch CHARACTERS</b>						
579-22463R-02	2	.50	8.14	7.64	7.38	CALL
579-22463R-03	3	1.0	8.29	7.77	7.51	FOR
579-22463R-04	4	1.5	8.88	8.33	8.05	QUOTE
579-22463R-05	5	2.0	9.79	9.18	8.87	
<b>FOR UP TO .50-inch CHARACTERS</b>						
579-23441R-02	2	.50	8.73	8.27	7.99	CALL
579-23441R-03	3	1.0	9.26	8.75	8.45	FOR
579-23441R-04	4	1.5	9.99	9.45	9.14	QUOTE
579-23441R-05	5	2.0	10.52	10.14	9.80	
579-23441R-06	6	2.5	11.27	10.65	10.30	
<b>FOR UP TO 1.1-inch CHARACTERS</b>						
579-24036M-04	4	2.7	23.17	21.87	21.14	CALL
579-24036M-05	5	3.6	24.86	23.48	22.69	FOR
579-24036M-06	6	4.5	27.83	26.28	25.40	QUOTE

## IEE MOUNTING CLIPS FOR T-1 3/4 LEDs

- FOR USE ON PANELS UP TO .125" THICK
- MATERIAL: BLACK UNFILLED POLYPROPYLENE
- SUGGESTED MOUNTING HOLE .265" DIAMETER

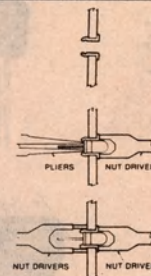
STOCK NO.	PRICE EACH			
	3	10	100	500
579-80214	.11	.10	.087	CALL FOR QUOTE



1. Drill hole in panel.
2. Press clip into hole from panel front.

### INSTALLATION

### INSTRUCTIONS

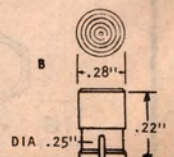


3. Press LED into the clip from the back. Use blunt long nose pliers to push on LED. Do not use force on LED leads.
4. Slip retaining ring onto back of clip, then press tightly using tools such as two nut drivers.

## IEE LENS MOUNTING CLIPS FOR LEDs

SIMPLE TWO-STEP INSTALLATION: MOUNTS FROM FRONT PANEL IN .250" DIA. HOLE. ACCEPTS ANY T-1 3/4 LED (.190 TO .210" DIA.)

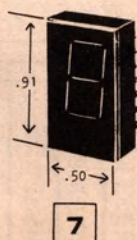
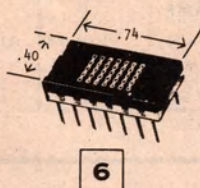
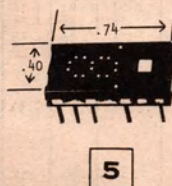
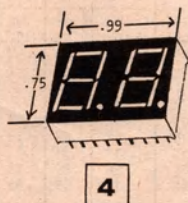
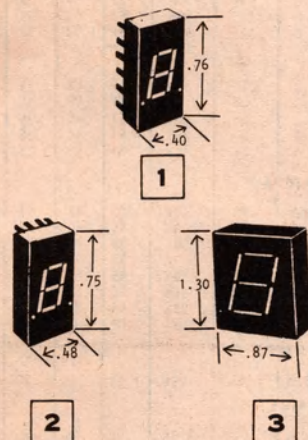
STOCK NO.	FIG.	COLOR	LENS	PRICE EACH			
				1	10	100	500
579-1930G	B	GREEN	FRESNEL	.27	.25	.20	CALL
579-1930R	B	RED	FRESNEL	.27	.25	.20	FOR
579-1930Y	B	YELLOW	FRESNEL	.27	.25	.20	QUOTE
579-1931R	B	RED	DIFFUSED	.19	.17	.16	





# IEE Hercules LED Digital Displays

DIMENSIONS IN INCHES



## NUMERIC LED DISPLAYS

HIGH BRIGHTNESS SEVEN SEGMENT DISPLAYS WITH DIGITS 0-9. SLIM PROFILE: STANDARD DIP PACKAGE. WIDE VIEWING ANGLE. HIGH CONTRAST.

STOCK NO.	FIG	DESCRIPTION	CHAR. (IN) HEIGHT	VF@ 20mA VDC (TYP)	INTENSITY ucd (TYP)	PRICE EACH			
						1	10	100	500
.300" PIN ROW SPACING									
579-H1737	1	LT-RT DECIMAL COMMON ANODE RED	.300	1.7	500	1.84	1.72	1.40	CALL FOR QUOTE
579-H1738	1	RT DECIMAL COMMON CATHODE RED	.300	1.7	500	1.84	1.72	1.40	
579-H1372R	1	LT DECIMAL COMMON ANODE RED	.300	2.0	300	1.98	1.86	1.75	
579-H1364E	1	RT DECIMAL COMMON CATHODE ORANGE	.300	2.5	1000	2.70	2.53	2.07	
579-H1374R	1	RT DECIMAL COMMON CATHODE RED	.300	2.0	300	1.73	1.62	1.32	
579-H1391R	1	RT DECIMAL COMMON ANODE RED	.300	2.5	320	2.56	2.40	1.95	
.600" PIN ROW SPACING									
579-H2676R	2	RT DECIMAL COMMON ANODE RED	.560	2.0	200	1.97	1.85	1.49	CALL FOR QUOTE
579-H2678R	2	RT DECIMAL COMMON CATHODE RED	.560	2.0	200	1.97	1.85	1.49	
579-H1720	3	RT DECIMAL COMMON ANODE RED	1.024	3.3	500	3.54	3.31	2.68	
579-H1723	3	RT DECIMAL COMMON CATHODE RED	1.024	3.3	500	3.54	3.31	2.68	

## 2 DIGIT LED DISPLAYS .600" PIN ROW SPACING

FAST SWITCHING - EXCELLENT FOR MULTI-PLEXING. LOW POWER CONSUMPTION. HIGH BRIGHTNESS WITH HIGH CONTRAST. DIRECTLY COMPATIBLE WITH INTEGRATED CIRCUITS. SOLID STATE RELIABILITY - LONG OPERATION LIFE.

STOCK NO.	FIG	DESCRIPTION	CHAR. (IN) HEIGHT	VF@ 20mA VDC (TYP)	INTENSITY ucd (TYP)	PRICE EACH			
						1	10	100	500
579-H2671R	4	RT DECIMAL COMMON ANODE RED	.560	2.0	200	3.08	2.89	2.35	CALL FOR QUOTE
579-H2664E	4	RT DECIMAL COMMON CATHODE ORANGE	.560	2.5	1000	3.99	3.75	2.99	
579-H2674R	4	RT DECIMAL COMMON CATHODE RED	.560	2.0	200	2.99	2.82	2.29	

## NUMERIC LED DISPLAY WITH LOGIC .300" PIN ROW SPACING

OPERATES FROM 5V TO 6V. HAS INTERNAL TTL MSI CHIP WITH LATCH, DECODER, AND DRIVER. HIGH BRIGHTNESS.

STOCK NO.	FIG	DESCRIPTION	CHAR. (IN) HEIGHT	V TOTAL	VF/SEG VDC (TYP)	INTENSITY ucd (TYP)	PRICE EACH			
							1	10	100	500
579-H1707	5	LT-RT DECIMAL RED	.270	105	5.5	100	21.66	20.31	16.45	CALL FOR QUOTE

## ALPHA-NUMERIC LED DISPLAY .300" PIN ROW SPACING

WITH X-Y SELECT + DECIMAL. HIGH BRIGHTNESS AND LOW POWER REQUIREMENTS.

STOCK NO.	FIG	DESCRIPTION	CHAR. (IN) HEIGHT	VF@ 20mA VDC (TYP)	INTENSITY ucd (TYP)	PRICE EACH			
						1	10	100	500
579-H1704	6	LT DECIMAL RED	.300	1.65	110	4.48	4.20	3.74	CALL FOR QUOTE

## INCANDESCENT DIGITAL DISPLAYS

FEATURE LOW PROFILE AND WIDE ANGLE 120° READABILITY. AC, DC OR PULSED MODE OF OPERATION. OPERATING RANGE OF -55° TO +70°C. STANDARD 14 PIN DIP PACKAGE.

STOCK NO.	FIG	CHAR. HT (IN)	FILAMENT CURRENT @ 5VDC	INTENSITY (FL)	LIFE EXP (HRS)	PIN ROW SPACING	PRICE EACH			
							1	10	100	500
579-FFD11	7	.472	15mA	4500	100,000	.300	10.76	10.10	9.77	CALL FOR QUOTE

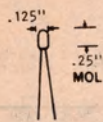
QUANTITY DISCOUNTS ON ALL ITEMS - CALL



# Incandescent Lamps

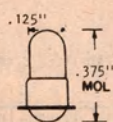


MEETS MIL SPEC MIL-L-6363  
FOR 579 SERIES ONLY. (FIGURE NOS. 1-7)



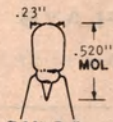
T-1 Bulb  
Wire Term Base

1



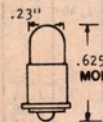
T-1 Bulb  
S.C. Mid Fig. Base

2



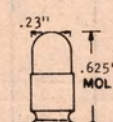
T-1 1/4 Bulb  
Wire Term Base

3



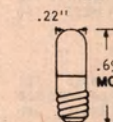
T-1 1/4 Bulb  
Mid Fig. Base

4



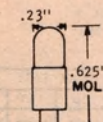
T-1 1/4 Bulb  
Mid Grooved Base

5



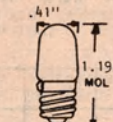
T-1 1/4 Bulb  
Mid Screw Base

6



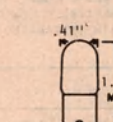
T-1 1/4 Bulb  
Bi-Pin Base

7



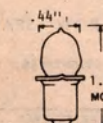
T-3 1/4 Bulb  
Mid Screw Base

8



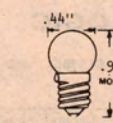
T-3 1/4 Bulb  
Mid Screw Base

9



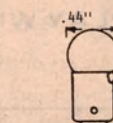
B-3 1/2 Bulb  
S.C. Mid Base

10



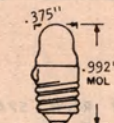
G-3 1/2 Bulb  
Mid Screw Base

11



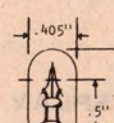
G-3 1/2 Bulb  
Mid Bay Base

12



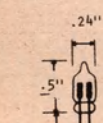
GTL-3 Bulb  
Mid Screw Base

13

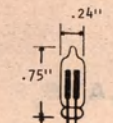


T-3 1/4 Bulb

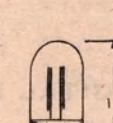
14



15



16



17

TYPE	STOCK NO.	FIG	VOLTS	AMPS	(HRS) LIFE	PRICE EACH			
						1	10	100	500
T-1 LAMPS									
683	579-683	1	5.0	.06	100K	.53	.50	.39	CALL FOR QUOTE
715	579-715	1	5.0	.115	40K	.53	.50	.39	
718	579-718	2	5.0	.115	40K	1.31	1.23	.91	
T-1 1/4 WIRE LEAD LAMPS									
2112	579-2112	3	6.3	.20	5K	.51	.48	.35	CALL FOR QUOTE
1705	579-1705	3	14.0	.08	2.5K	.51	.48	.35	
2182	579-2182	3	14.0	.08	50K	.51	.48	.35	
2187	579-2187	3	28.0	.04	25K	.51	.48	.35	
1764	579-1764	3	28.0	.04	5K	.51	.48	.35	
T-1 1/4 MIDGET FLANGE LAMPS									
345	579-345	4	6.0	.04	10K	.85	.80	.59	CALL FOR QUOTE
328	579-328	4	6.0	.20	3K	.85	.80	.59	
381	579-381	4	6.3	.20	50K	.85	.80	.59	
367	579-367	4	10.0	.04	3K	.85	.80	.59	
382	579-382	4	14.0	.08	50K	.85	.80	.59	
330	579-330	4	14.0	.08	2.5K	.85	.80	.59	
387	579-387	4	28.0	.04	25K	.85	.80	.59	
327	35ND023	4	28.0	.04	7K	.60	.45	.44	
T-1 1/4 MIDGET GROOVE LAMPS									
388	579-388	5	28.0	.04	25K	1.01	.95	.70	CALL FOR QUOTE
T-1 1/4 MIDGET SCREW LAMPS									
373	579-373	6	14.0	.08	2.5K	.90	.84	.62	CALL FOR QUOTE
335	579-335	6	28.0	.04	5K	.90	.84	.62	
---	35ND350	6	12.0	.05	3K	.36	.23	.21	
---	35ND435	6	24.0	.05	3K	.36	.23	.21	
T-1 1/4 BI-PIN BASE LAMPS									
7328	579-7328	7	6.0	.20	3K	.98	.92	.68	CALL FOR QUOTE
7382	579-7382	7	14.0	.08	50K	.98	.92	.68	
7387	579-7387	7	28.0	.04	25K	.98	.92	.68	
7327	579-7327	7	28.0	.04	5K	.98	.92	.68	
T-3 1/4 MINIATURE SCREW LAMPS									
---	35ND041	8	12.0	.05	3K	.29	.23	.19	CALL FOR QUOTE
---	35ND042	8	12.0	.10	5K	.29	.23	.19	
40	35ND008	8	6.3	.15	3K	.31	.21	.19	
46	35ND011	8	6.3	.25	3K	.29	.24	.21	
48	35ND007	8	2.0	.06	1K	.59	.46	.44	
T-3 1/4 MINIATURE BAYONET LAMPS									
44	35ND001	9	6.3	.25	3K	.31	.21	.19	CALL FOR QUOTE
45	35ND019	9	3.2	.35	3K	.79	.61	.55	
47	35ND012	9	6.3	.15	3K	.31	.21	.19	
49	35ND014	9	2.0	.06	1K	.44	.37	.32	
757	35ND004	9	28.0	.08	15K	.61	.47	.43	
1819	35ND002	9	28.0	.04	1K	.35	.24	.22	
1829	35ND005	9	28.0	.08	1K	.46	.35	.32	
1891	35ND006	9	14.0	.24	500	.36	.28	.25	
B-3 1/2 MINIATURE FLANGED LAMPS									
PR-12	35ND025	10	6.0	.50	15	.41	.31	.29	
G-3 1/2 MINIATURE SCREW LAMPS									
14	35ND013	11	2.5	.30	1K	.33	.25	.23	CALL FOR QUOTE
50	35ND020	11	7.5	.22	1K	.39	.30	.28	
G-3 1/2 MINIATURE BAYONET LAMPS									
---	35ND015	12	12.0	.25	1K	.28	.21	.20	CALL FOR QUOTE
53	35ND017	12	14.4	.12	1K	.28	.21	.20	
GTL-3 MINIATURE SCREW LAMP									
222	35ND003	13	2.2	.25	5	.28	.21	.20	
T-3 1/4 MINIATURE WEDGE LAMPS									
656	35ND656	14	28.0	.06	5K	.69	.53	.49	

## MOUSER® NEON LAMPS

QUALITY NEON LAMPS HAVE AN AVERAGE USEFUL LIFE OF 25,000 HOURS.  
EXTERNAL RESISTOR IS REQUIRED.

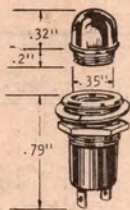
TYPE	STOCK NO.	FIG	STARTING VOLTAGE AC/DC	NOMINAL		DIM. A	PRICE EACH			
				CURRENT mA	WATTS		1	10	100	500
HIGH BRIGHTNESS										
A1C	36NE004	16	105/125	1.2	1/7	1"	.24	.19	.16	CALL FOR QUOTE
NE-2H	36NE005	16	105/125	1.9	1/4	2"	.25	.20	.17	
STANDARD										
A1B	36NE006	15	65/90	.3	1/25	1"	.20	.16	.13	CALL FOR QUOTE
NE-2E	36NE007	16	65/90	.7	1/12	2"	.21	.17	.14	
NE-2	36NE002	16	65-105	.5	1/25	1"	.20	.16	.13	
NE-2B	36NE003	15	45-85	.3	1/25	1"	.20	.16	.13	
NE-51	36NE051	17	65-105	.3	1/25	--	1.12	.87	.79	



# MOUSER® Lampholders & Indicator Lights

## 6-VOLT INDICATOR LIGHTS WITH DIFFUSED LENS

FOR T-1 3/4 MIDGET SCREW LAMPS  
HOLDER HAS CHROME PLATED BODY, BEZEL, AND FACING NUT. MOLDED PHENOLIC INSULATOR; SOLDER TERMINALS. ORDER PLASTIC LENSES SHOWN BELOW SEPARATELY.



### HOLDER

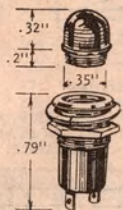
STOCK NO.	PRICE EACH			
	1	10	100	500
35PD100	.79	.62	.56	CALL FOR QUOTE

### PLASTIC DOME SHAPED DIFFUSED LENS MINIMUM ORDER 2 PIECES

STOCK NO.	COLOR	PRICE EACH			
		2	10	100	500
35PD101	RED	.18	.13	.11	CALL FOR QUOTE
35PD102	GREEN	.18	.13	.11	CALL FOR QUOTE
35PD103	WHITE	.18	.13	.11	CALL FOR QUOTE
35PD104	ORANGE	.18	.13	.11	CALL FOR QUOTE
35PD105	BLUE	.18	.13	.11	CALL FOR QUOTE

## 6-VOLT INDICATOR LIGHTS WITH FRESNEL LENS

FOR T-1 3/4 MIDGET SCREW LAMPS  
HOLDER HAS CHROME PLATED BODY, BEZEL AND FACING NUT. MOLDED PHENOLIC INSULATOR; SOLDER TERMINALS. ORDER PLASTIC LENSES SHOWN BELOW SEPARATELY.



### HOLDER

STOCK NO.	PRICE EACH			
	1	10	100	500
35PD100	.79	.62	.56	CALL FOR QUOTE

### PLASTIC DOME-SHAPED FRESNEL LENS MINIMUM ORDER 2 PIECES

STOCK NO.	COLOR	PRICE EACH			
		2	10	100	500
35PD111	RED	.13	.10	.09	CALL FOR QUOTE
35PD112	GREEN	.13	.10	.09	CALL FOR QUOTE
35PD115	BLUE	.13	.10	.09	CALL FOR QUOTE

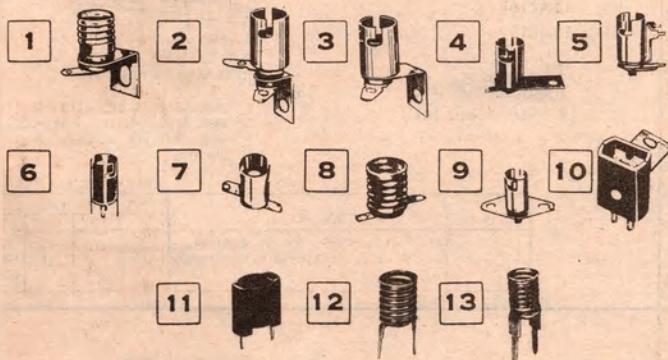
## CHASSIS MOUNT T-1 3/4 LED BEZEL

- FOR MOUNTING T-1 3/4 SIZE LEDS
- AVAILABLE IN BLACK OR CHROME FINISH
- HARDWARE INCLUDED
- MOUNTING HOLE: 5/16"
- NYLON CONSTRUCTED MATERIAL
- RUBBER MOUNT INSIDE FOR LED LEADS
- LED EASILY MOUNTS INSIDE



STOCK NO.	FINISH	MOUNTING HOLE DIA.	PRICE EACH			
			1	10	100	500
ME351-1000	BLACK	5/16"	.60	.40	.36	CALL FOR QUOTE
ME351-1001	CHROME	5/16"	.69	.53	.49	CALL FOR QUOTE

## LAMP SOCKETS



STOCK NO.	FIG	TYPE	PRICE EACH			
			1	10	100	500
35LH002	1	T3-1/4 SCREW-MINI, NON-INSULATED	.49	.39	.32	CALL FOR QUOTE
35LH003	2	T3-1/4 BAYONET-MINI, INSULATED	.78	.65	.59	CALL FOR QUOTE
35LH004	3	T3-1/4 BAYONET-MINI, NON-INSULATED	.83	.70	.63	CALL FOR QUOTE
35LH005	4	T3-1/4 BAYONET-MINI, INSULATED	.82	.68	.62	CALL FOR QUOTE
35LH006	5	T3-1/4 BAYONET-MINI, INSULATED	1.14	.94	.86	CALL FOR QUOTE
35LH007	6	T3-1/4 BAYONET-MINI, INSULATED	.85	.70	.64	CALL FOR QUOTE
35LH008	7	T3-1/4 BAYONET-MINI, INSULATED	.75	.58	.50	CALL FOR QUOTE
35LH010	8	T3-1/4 SCREW-MINI, INSULATED	.45	.35	.27	CALL FOR QUOTE
35LH011	9	T3-1/4 BAYONET-MINI, INSULATED	.85	.70	.69	CALL FOR QUOTE
35LH656	10	T3-1/4 WEDGE BASE, INSULATED	.99	.79	.48	CALL FOR QUOTE
ME352-1020	11	T3-1/4 PLASTIC, PC MNT	.43	.29	.27	CALL FOR QUOTE
ME352-1021	12	T3-1/4 METAL, PC MNT	.44	.32	.29	CALL FOR QUOTE
ME352-1022	13	T1-3/4 METAL, PC MNT	.38	.28	.26	CALL FOR QUOTE

## ULTRA-MINIATURE 110 VAC NEON INDICATOR



PANEL MOUNT NEON INDICATORS WITH FULLY INSULATED INTERNAL DROPPING RESISTOR. CHROME-PLATED BODY, BEZEL, AND FACING NUT.

HI-REL TYPE RATED 55-60 VOLTS. 100K RESISTOR REQUIRED.  
MTG. HOLE: .27"

STOCK NO.	COLOR	LEAD LENGTH	PRICE EACH			
			1	10	100	500
STANDARD (WITH 100K DROPPING RESISTOR)						
36HN001	RED	2.2"	1.29	1.09	.95	CALL FOR QUOTE
36HN003	AMBER	2.2"	1.29	1.09	.95	
HI-REL (RESISTOR NOT INCLUDED)						
35MP100	CLEAR	5"	1.83	1.53	1.39	

## 110V NEON INDICATOR



SEALED PLASTIC NEON INDICATOR WITH INTERNAL DROPPING RESISTOR. CHROME-PLATED FACING NUT.

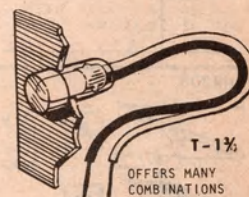
DIMENSIONS IN (IN.)

STOCK NO.	COLOR	PRICE EACH			
		1	10	100	500
36HN010	RED	1.25	.96	.87	CALL FOR QUOTE
36HN012	AMBER	1.25	.96	.87	CALL FOR QUOTE

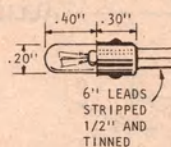
## LOW-COST INDICATOR SYSTEMS

SIMPLE TO INSTALL IN PANEL

PLASTIC LENS CAP INSTALLED OVER MINIATURE LAMP MAKES EXCELLENT INDICATOR LIGHT. MINIATURE LAMPS HAVE LOW CURRENT RATINGS, ASSURING LONG LIFE. LAMP LEADS ARE COLOR CODED TO IDENTIFY VOLTAGE RATINGS SHOWN IN TABLE.



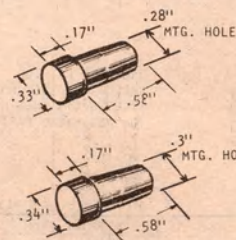
### MINIATURE LAMPS



STOCK NO.	LEAD COLOR	VOLTS	AMPS	PRICE EACH			
				1	10	100	500
35LS026	GREEN	2	.060	.39	.32	.26	CALL FOR QUOTE
35LS065	WHITE	6	.050	.39	.32	.26	CALL FOR QUOTE
35LS102	RED	10	.020	.39	.32	.26	CALL FOR QUOTE
35LS124	BLUE	12	.035	.39	.32	.26	CALL FOR QUOTE
35LS126	YELLOW	12	.060	.39	.32	.26	CALL FOR QUOTE
35LS284	ORANGE	28	.040	.39	.32	.27	CALL FOR QUOTE

### PLASTIC LENS CAPS FOR INSTALLATION OVER MINIATURE LAMPS (ABOVE)

- THESE PLASTIC LENS CAPS; WHEN COMBINED WITH THE MINIATURE LAMPS TO MAKE INDICATOR LIGHTS, IS A COMBINATION HARD TO BEAT.
- SIMPLE INSTALLATION, LOW COST.
- LENS CAPS ARE TAPERED FOR QUICK, EASY PRESS-FIT PANEL INSTALLATION. THESE LENS CAPS MAY ALSO BE USED WITH NE-2 LAMPS AND T 1 3/4 LAMPS.



### HI-REL ROUND LENS CAP

STOCK NO.	COLOR	PRICE EACH			
		1	10	100	500
35LT001	RED	.08	.06	.046	CALL FOR QUOTE
35LT002	GREEN	.08	.06	.046	CALL FOR QUOTE
35LT003	WHITE	.08	.06	.046	CALL FOR QUOTE
35LT004	BLUE	.08	.06	.046	CALL FOR QUOTE
35LT005	AMBER	.08	.06	.046	CALL FOR QUOTE

### STANDARD ROUND LENS CAP

STOCK NO.	COLOR	PRICE EACH			
		1	10	100	500
35LT503	GREEN	.05	.03	.025	CALL FOR QUOTE



# MOUSER® Alligator and Test Clips

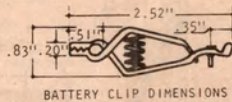
## BATTERY CLIP

GENERAL GROUNDING WIRE CLIPS FOR BATTERY CHARGERS, LIGHT ELECTRICAL APPLIANCES AND MOTORS, OR THE TEST CLIPS FOR MEASUREMENT INSTRUMENTS. A STRONG SPRING PROVIDED.



(NET WEIGHT: .48 OZ)

- GENERAL GROUNDING WIRE CLIPS
- SCREW TERMINAL
- 10-AMP



BATTERY CLIP DIMENSIONS

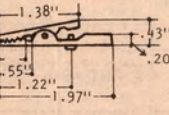
STOCK NO.	LENGTH INCHES	MUELLER	SMITH	DESCRIPTION	PRICE EACH			
					1	100	500	1000
13AC511	2.5	48-B649-R	----	INSUL. BOOT, RED VINYL	.48	.33	.31	CALL FOR QUOTE
13AC512	2.5	48-B649-B	----	INSUL. BOOT, BLACK VINYL	.48	.33	.31	CALL FOR QUOTE

## ALLIGATOR CLIPS

13AC008



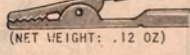
(NET WEIGHT: .13 OZ)  
• ACCEPTS BANANA PLUG



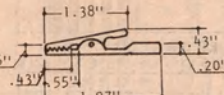
ALLIGATOR CLIP DIMENSIONS

MIN. ORDER = 2 PCS.

13AC009



(NET WEIGHT: .12 OZ)  
• ACCEPTS BANANA PLUG

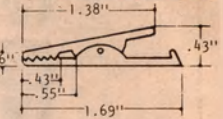


MIN. ORDER = 5 PCS.

13AC140



(NET WEIGHT: .11 OZ)  
• LARGE SIZE CLIP  
• MUELLER: 70



ALLIGATOR CLIP DIMENSIONS

MIN. ORDER = 3 PCS.

STOCK NO.	ALLIGATOR CLIP DESCRIPTION	PRICE EACH			
		2	100	500	1000
13AC008	NON-INSULATED SCREW TERMINAL	.26	.13	.12	CALL FOR QUOTE

STOCK NO.	MUELLER	SMITH	DESCRIPTION	PRICE EACH			
				5	100	500	1000
13AC009	60	300	NON-INSULATED	.22	.11	.10	CALL FOR QUOTE
13AC141	62R	331R	RED VINYL	.13	.065	.058	FOR
13AC142	62B	331B	BLACK VINYL	.13	.065	.058	QUOTE

STOCK NO.	ALLIGATOR CLIP DESCRIPTION	PRICE EACH			
		3	100	500	1000
13AC140	NON-INSULATED SOLDER TERMINAL	.22	.11	.10	CALL FOR QUOTE

13AC091

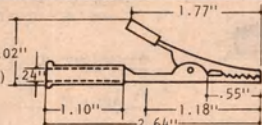


(NET WEIGHT: .20 OZ)

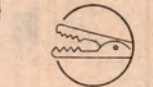
13AC092



(NET WEIGHT: .20 OZ)



- SOLDER TERMINAL
- ACCEPTS BANANA PLUG



LARGE JAW OPENING CLIPS, SUITABLE FOR BINDING POST TERMINALS & ETC..

STOCK NO.	ALLIGATOR CLIP DESCRIPTION	PRICE EACH			
		1	100	500	1000
13AC091	RED INSUL. SLEEVE & TAB	.33	.17	.15	CALL FOR QUOTE
13AC092	BLK. INSUL. SLEEVE & TAB	.33	.17	.15	CALL FOR QUOTE

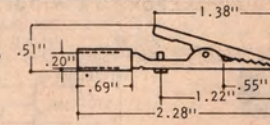
13AC151



13AC152



- SCREW TERMINAL
- NET WEIGHT: .18 OZ

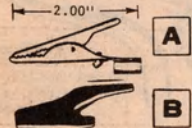


ALLIGATOR CLIP DIMENSIONS

MULTIPURPOSE CLIPS. SLIM JAW CAN BE USED IN LIMITED SPACE.

STOCK NO.	MUELLER	SMITH	ALLIGATOR CLIP DESCRIPTION	PRICE EACH			
				1	100	500	1000
13AC151	60HSR	351R	RED INSUL. SLEEVE	.37	.19	.17	CALL FOR QUOTE
13AC152	60HSB	351B	BLK. INSUL. SLEEVE	.37	.19	.17	CALL FOR QUOTE

13HR303



HI-RELIABILITY ALLIGATOR CLIP AND SEPARATE INSULATING COVER. THIS HIGHLY DURABLE METAL CLIP HAS A DESIGNED FEATURE TO SECURELY CLIP A WIDE RANGE OF WIRE SIZES, EVEN 36 AWG. THE INSULATING COVER IS AVAILABLE IN BLACK OR RED.

## HI-REL ALLIGATOR CLIP

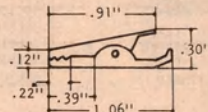
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
13HR303	A	ALLIGATOR CLIP, SCREW TERMINAL	.33	.28	.26	CALL FOR QUOTE
13HR304	B	RED INSULATED COVER	.33	.25	.23	FOR
13HR305	B	BLACK INSULATED COVER	.33	.25	.23	QUOTE

## ALLIGATOR CLIPS

13AC120



(NET WEIGHT: .5 OZ)



TEST CLIP DIMENSIONS

MIN. ORDER = 5 PCS.

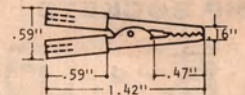
STOCK NO.	MUELLER	SMITH	DESCRIPTION	PRICE EACH			
				5	100	500	1000
13AC120	30	338	TEST CLIP (NON-INSUL.) SOLDER TERM	.18	.088	.079	CALL FOR QUOTE
13AC121	32R	389R	INSULATING BOOT, RED VINYL	.10	.045	.036	FOR
13AC122	32B	389B	INSULATING BOOT, BLACK VINYL	.10	.045	.036	QUOTE
13AC123	32G	389G	INSULATING BOOT, GREEN VINYL	.10	.045	.036	FOR
13AC124	32Y	389Y	INSULATING BOOT, YELLOW VINYL	.10	.045	.036	QUOTE

13AC161

13AC162



(NET WEIGHT: .07 OZ)



TEST CLIP DIMENSIONS

SMALL SIZE CLIP, WITH PLASTIC INSULATED HANDLE. FOR MODEL, HOBBY AND EDUCATIONAL APPLICATIONS.

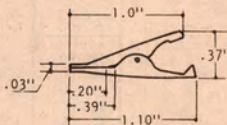
MIN. ORDER = 2 PCS.

STOCK NO.	TEST CLIP DESCRIPTION	PRICE EACH			
		2	100	500	1000
13AC161	RED INSUL. TABS, SOLDER TERMINAL	.30	.16	.14	CALL FOR QUOTE
13AC162	BLACK INSUL. TABS, SOLDER TERMINAL	.30	.16	.14	CALL FOR QUOTE

13AC170



(NET WEIGHT: .04 OZ)

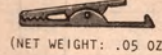


TEST CLIP DIMENSIONS

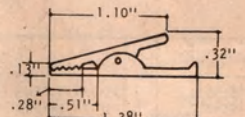
MIN. ORDER = 5 PCS.

STOCK NO.	MUELLER	SMITH	DESCRIPTION	PRICE EACH			
				5	100	500	1000
13AC170	34	368	TEST CLIP (NON-INSUL.) SOLDER TERMINAL	.19	.11	.09	CALL FOR QUOTE
13AC171	36R	368R	INSULATING BOOT, RED VINYL	.13	.053	.048	FOR
13AC172	36B	368B	INSULATING BOOT, BLACK VINYL	.13	.053	.048	QUOTE

13AC130



(NET WEIGHT: .05 OZ)

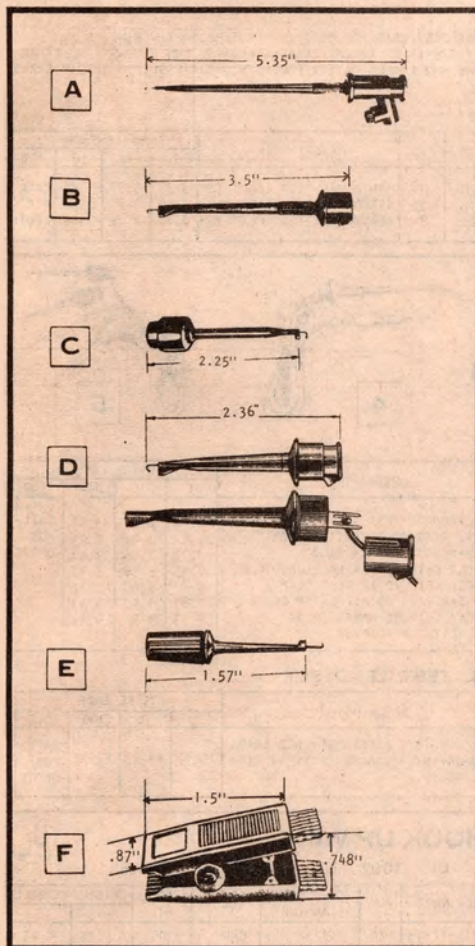


MIN. ORDER = 5 PCS.

STOCK NO.	DESCRIPTION	PRICE EACH			
		5	100	500	1000
13AC130	TEST CLIP (NON-INSUL.) SOLDER TERMINAL	.21	.10	.095	CALL FOR QUOTE
13AC131	INSULATING BOOT, RED VINYL	.12	.05	.04	FOR
13AC132	INSULATING BOOT, BLACK VINYL	.12	.05	.04	QUOTE



# MOUSER® Alligator and Test Clips



## IC TEST CLIPS

- VOLTAGE BREAKDOWN: 1500 VAC FOR 1 MIN
- INSULATION RESISTANCE: 100 MEG  $\Omega$  - 500VDC

STOCK NO.	FIG	COLOR	WEIGHT	DESCRIPTION	PRICE EACH			
					1	10	100	500
HIGH RELIABILITY								
131C321	A	RED	.39 oz.	MAXI-GRABBER WITH BANANA JACK	3.28	2.73	2.49	CALL FOR QUOTE
131C322	A	BLACK	.39 oz.	MAXI-GRABBER WITH BANANA JACK	3.28	2.73	2.49	
131C331	B	RED	.13 oz.	EXTENDED REACH FOR HI-RISE PKG.	1.29	.99	.91	
131C332	B	BLACK	.13 oz.	EXTENDED REACH FOR HI-RISE PKG.	1.29	.99	.91	

- VOLTAGE BREAKDOWN: 1500 VAC FOR 1 MIN
- INSULATION RESISTANCE: 100 MEG  $\Omega$  - 500 VDC

STOCK NO.	FIG.	COLOR	WEIGHT	DESCRIPTION	PRICE EACH			
					1	10	100	500
STANDARD								
131C301	C	RED	.06 oz.	IDEAL FOR TESTING MINIATURE AND	1.11	.85	.77	CALL FOR QUOTE
131C302	C	BLACK	.06 oz.	SUBMINIATURE EQUIPMENT	1.11	.85	.77	
131C305	D	RED	.11 oz.	DO- IT-YOURSELF" MINI-GRABBER,	1.11	.85	.77	
131C306	D	BLACK	.11 oz.	PROVIDES ABILITY TO BUILD OWN LEADS	1.11	.85	.77	

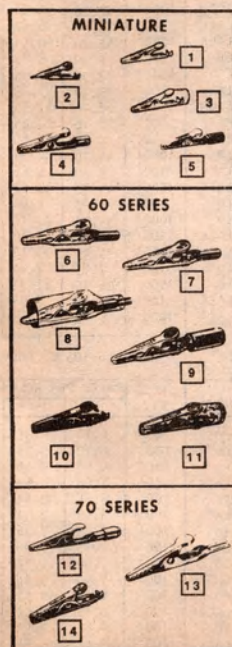
- VOLTAGE BREAKDOWN: 500 VAC FOR 1 MIN
- INSULATION RESISTANCE: 100 MEG  $\Omega$  @ 500 VDC
- PHOSPHOR BRONZE CONDUCTOR WITH NYLON INSULATOR

STOCK NO.	FIG.	COLOR	WEIGHT	DESCRIPTION	PRICE EACH			
					1	10	100	500
SUBMINIATURE								
131C307	E	RED	.025 oz.	SUBMINIATURE "MINI-GRABBER"	1.16	.89	.81	CALL FOR QUOTE
131C308	E	BLACK	.025 oz.	USEFUL FOR MAKING RAPID AND	1.16	.89	.81	
131C309	E	BLUE	.025 oz.	RELIABLE TESTS.	1.16	.89	.81	
131C310	E	GREEN	.025 oz.		1.16	.89	.81	
131C311	E	YELLOW	.025 oz.		1.16	.89	.81	

- INSULATION RESISTANCE: 100 MEG  $\Omega$  @ 500 VDC

STOCK NO.	FIG	WEIGHT	DESCRIPTION	MAX VOLTS	MAX CURRENT	PRICE EACH			
						1	10	100	500
DIP IC TEST CLIP									
131C416	F	.44 oz.	16 PIN DIP IC TEST CLIP	30V	300mA	6.18	5.48	5.03	CALL FOR QUOTE

## MUELLER CLIPS AND INSULATORS



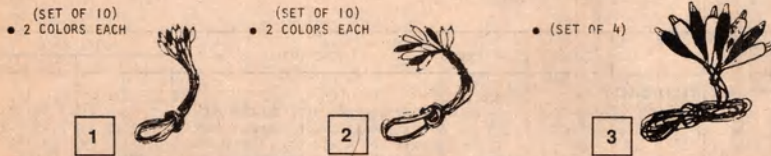
STOCK NO.	FIG.	LENGTH INCHES	DESCRIPTION	PRICE EACH			
				1	10	100	500
MINIATURE CLIPS							
548-34	1	1.09	STEEL CADMIUM PLATED. JAWS OPEN 7/32". TIP IS NO BIGGER THAN THE HEAD OF A PIN. FOR NO. 20 WIRE OR SMALLER.	.33	.25	.20	CALL FOR QUOTE
548-34C	1	1.09	SOLID COPPER. SAME AS NO. 34	.38	.28	.23	
548-30	2	1.09	STEEL, CADMIUM PLATED. JAWS OPEN 3/16". FULL MESHING TEETH. FOR TESTING MINIATURE AND SUBMINIATURE EQUIPMENT. NO. 20 OR SMALLER WIRE CONNECTION.	.24	.18	.15	
548-30C	2	1.09	SOLID COPPER. SAME AS NO. 30	.28	.21	.17	
548-32B	3	1.09	BLACK VINYL INSULATOR FOR NO. 30 AND 30C.	.15	.12	.09	CALL FOR QUOTE
548-32R	3	1.09	RED VINYL INSULATOR FOR NO. 30 AND 30C	.15	.12	.09	
548-30-BL	4	1.25	STEEL CADMIUM PLATED. FULL MESH TEETH. RIVET HINGE. JAWS OPEN 3/16". STEEL BARREL RESISTANCE WELDED 6-32 THREAD.	.24	.18	.15	
548-30-TB0	5	1.5	STEEL CADMIUM PLATED. FULL MESH TEETH. RIVET HINGE. JAWS OPEN 3/16". ROLLED BARREL TAIL SECTION SOLDER OR CRIMP CONNECTOR.	.51	.38	.31	
60 SERIES CLIPS & INSULATORS							
548-60	6	2.0	STEEL, CADMIUM PLATED. JAWS OPEN 5/16". BARREL CONNECTION FOR BANANA PLUG. SOLDER OR STAKE.	.29	.22	.17	CALL FOR QUOTE
548-60-S	7	2.0	STEEL CADMIUM PLATED. SCREW CONNECTION. JAWS OPEN 5/16".	.39	.29	.23	
548-60-CS	7	2.0	SOLID COPPER. SCREW CONNECTION. JAWS OPEN 5/16".	.57	.43	.34	
548-62B	8	2.0	BLACK VINYL INSULATOR FOR 60, 60-S, 60-CS AND 70 SERIES.	.16	.12	.098	
548-62R	8	2.0	RED VINYL INSULATOR FOR 60, 60-S, 60-CS, AND 70 SERIES.	.16	.12	.098	
548-60-HSB	9	2.345	BLACK INSULATED BARREL AND SCREW CONNECTION. STEEL, CADMIUM PLATED. JAWS OPEN 5/16"	.55	.41	.33	
548-60-HSR	9	2.345	RED INSULATED BARREL AND SCREW CONNECTION. STEEL, CADMIUM PLATED. JAWS OPEN 5/16"	.55	.41	.33	
548-60-CHSB	9	2.345	BLACK INSULATED BARREL AND SCREW CONNECTIONS. SOLID COPPER. JAWS OPEN 5/16"	.69	.52	.42	
548-60-CHSR	9	2.345	RED INSULATED BARREL AND SCREW CONNECTION. SOLID COPPER. JAWS OPEN 5/16"	.69	.52	.42	
548-60-TB0	10	1.97	STEEL CADMIUM PLATED. FULL MESH TEETH. RIVET HINGE. JAWS OPEN 5/16". STEEL BARREL RESISTANCE WELDED 8-32 THREAD.	.63	.47	.38	
548-60-PR2	11	1.125	STEEL CADMIUM PLATED. FULL MESH TEETH. RIVET HINGE. JAWS OPEN 5/16". BARREL FORMED FOR PHONE OR TEST TIP BARREL ID IS .080 IN.	.45	.34	.27	
70 SERIES CLIPS & INSULATORS							
548-70	12	1.69	STEEL, CADMIUM PLATED. JAWS OPEN 5/16". TRIM ALLIGATOR CLIP WITH WIRE CRIMPING EARS. CAN BE SOLDERED OR STAKED AND CRIMPED.	.32	.24	.20	CALL FOR QUOTE
548-70-S	12	1.69	STEEL, CADMIUM PLATED. SCREW CONNECTION. JAWS OPEN 5/16"	.36	.27	.22	
548-70-CS	13	1.69	SOLID COPPER. SCREW CONNECTION. JAWS OPEN 5/16"	.50	.37	.30	
548-72B	14	1.69	BLACK VINYL INSULATOR FOR 70 SERIES	.24	.18	.14	
548-72R	14	1.69	RED VINYL INSULATOR FOR 70 SERIES.	.24	.18	.14	



# Test Leads and Wires

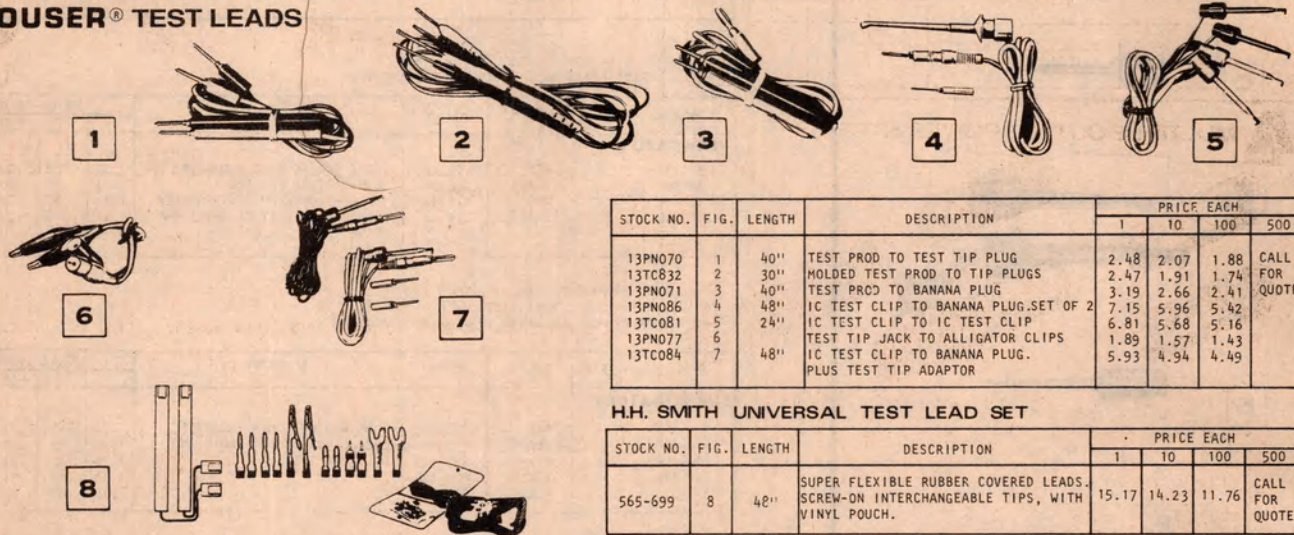
## MOUSER® JUMPER TEST LEADS

THE JUMPER TEST LEADS TO BE USED FOR TEMPORARY WIRING AND/OR TESTING PURPOSES OF EDUCATIONAL MATERIALS, MODEL HOBBY AND OTHER ELECTRICAL AND COMMUNICATION EQUIPMENT. AVAILABLE IN 3 CLIP SIZES.



STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	50	100
13AC010	1	MINIATURE TEST LEADS 18"	3.99	3.37	2.99	CALL
13AC012	2	STANDARD TEST LEADS 22"	4.56	3.79	3.46	FOR
13TC900	3	HEAVY DUTY TEST LEADS 30"	3.45	2.69	2.45	QUOTE

## MOUSER® TEST LEADS

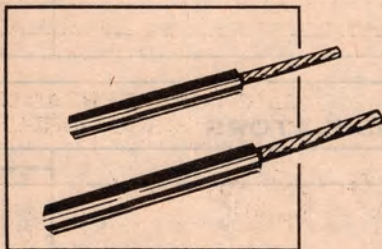


STOCK NO.	FIG.	LENGTH	DESCRIPTION	PRICE EACH			
				1	10	100	500
13PN070	1	40"	TEST PROD TO TEST TIP PLUG	2.48	2.07	1.88	CALL
13TC832	2	30"	MOLDED TEST PROD TO TIP PLUGS	2.47	1.91	1.74	FOR
13PN071	3	40"	TEST PROD TO BANANA PLUG	3.19	2.66	2.41	QUOTE
13PN086	4	48"	IC TEST CLIP TO BANANA PLUG SET OF 2	7.15	5.96	5.42	
13TC081	5	24"	IC TEST CLIP TO IC TEST CLIP	6.81	5.68	5.16	
13PN077	6		TEST TIP JACK TO ALLIGATOR CLIPS	1.89	1.57	1.43	
13TC084	7	48"	IC TEST CLIP TO BANANA PLUG PLUS TEST TIP ADAPTOR	5.93	4.94	4.49	

## H.H. SMITH UNIVERSAL TEST LEAD SET

STOCK NO.	FIG.	LENGTH	DESCRIPTION	PRICE EACH			
				1	10	100	500
565-699	8	48"	SUPER FLEXIBLE RUBBER COVERED LEADS. SCREW-ON INTERCHANGEABLE TIPS, WITH VINYL POUCH.	15.17	14.23	11.76	CALL FOR QUOTE

## CAROL RUBBER INSULATED LEAD WIRE



• CONSTRUCTION: SUPER FLEXIBLE STRANDED TINNED SOFT ANNEALED COPPER CONDUCTOR. COLOR CODED RUBBER INSULATION.

• OPERATING TEMPERATURE: -20°C TO +60°C.

STOCK NO.	AWG	CONDUCTOR STRANDING	COLOR	BREAKDOWN VAC RMS	WORKING VAC RMS	SPCOL FT.	PRICE PER ROLL	
							1	5
515-1326-12-03	20	41/36	RED	6,000	1,500	100'	12.65	12.14
515-1326-15-03	20	41/36	RED	6,000	1,500	250'	30.30	29.09
515-1326-12-01	20	41/36	BLACK	6,000	1,500	100'	12.65	12.14
515-1326-15-01	20	41/36	BLACK	6,000	1,500	250'	30.30	29.09
515-1326-18-03	20	41/36	RED	6,000	1,500	500'	58.70	56.35
515-1326-18-01	20	41/36	BLACK	6,000	1,500	500'	58.70	56.35
515-1319-12-03	20	41/36	RED	12,000	3,000	100'	12.05	11.57
515-1319-12-01	20	41/36	BLACK	12,000	3,000	100'	12.05	11.57
515-1319-18-03	20	41/36	RED	12,000	3,000	500'	62.05	59.57
515-1319-18-01	20	41/36	BLACK	12,000	3,000	500'	62.05	59.57
515-1321-12-03	18	65/36	RED	20,000	5,000	100'	19.65	18.86
515-1321-12-01	18	65/36	BLACK	20,000	5,000	100'	19.65	18.86
515-1321-15-03	18	65/36	RED	20,000	5,000	250'	35.75	34.32
515-1321-15-01	18	65/36	BLACK	20,000	5,000	250'	35.75	34.32
515-1321-18-03	18	65/36	RED	20,000	5,000	500'	71.20	68.45
515-1321-18-01	18	65/36	BLACK	20,000	5,000	500'	71.20	68.45
515-1321-21-03	18	65/36	RED	20,000	5,000	1000'	142.25	136.56
515-1321-21-01	18	65/36	BLACK	20,000	5,000	1000'	142.25	136.56
515-1318-12-03	18	65/36	RED	25,000	10,000	100'	26.05	25.01
515-1318-12-01	18	65/36	BLACK	25,000	10,000	100'	26.05	25.01

## CAROL HOOK UP WIRE



TYPE UL 1007 UL LISTED -40°C to +80°C, 300V

STOCK NO.	AWG	CONDUCTOR STRANDING	COLOR	SPOOL FT.	PRICE PER ROLL	
					1	5
515-2015-12-03	24	7/32	RED	100'	5.15	4.94
515-2015-12-01	24	7/32	BLACK	100'	5.15	4.94
515-2015-12-01	24	7/32	BLACK	1000'	31.23	30.23
515-2015-12-01	24	7/32	BLACK	1000'	31.23	30.23
515-2003-12-03	24	SOLID	RED	100'	5.80	5.57
515-2003-12-01	24	SOLID	RED	1000'	25.30	24.29
515-2003-12-01	24	SOLID	BLACK	100'	5.80	5.57
515-2003-12-01	24	SOLID	BLACK	1000'	25.30	24.29
515-2016-12-03	22	7/30	RED	100'	6.90	6.62
515-2016-12-01	22	7/30	RED	1000'	42.20	40.51
515-2016-12-01	22	7/30	BLACK	100'	6.90	6.62
515-2016-12-01	22	7/30	BLACK	1000'	42.20	40.51
515-2004-12-03	22	SOLID	RED	100'	5.30	5.09
515-2004-12-01	22	SOLID	RED	1000'	28.70	27.55
515-2004-12-01	22	SOLID	BLACK	100'	5.30	5.09
515-2004-12-01	22	SOLID	BLACK	1000'	28.70	27.55
515-2004-21-02	22	SOLID	WHITE	1000'	28.70	27.55
515-2040-12-03	20	10/30	RED	100'	5.90	5.66
515-2040-12-01	20	10/30	RED	1000'	44.70	42.91
515-2040-12-01	20	10/30	BLACK	100'	5.90	5.66
515-2040-12-01	20	10/30	BLACK	1000'	44.70	42.91
515-2028-12-03	20	SOLID	RED	100'	5.90	5.66
515-2028-12-01	20	SOLID	RED	1000'	34.55	33.17
515-2028-12-01	20	SOLID	BLACK	100'	5.90	5.66
515-2028-12-01	20	SOLID	BLACK	1000'	34.55	33.17
515-2064-12-03	18	16/30	RED	100'	7.75	7.44
515-2064-12-01	18	16/30	RED	1000'	56.15	53.91
515-2064-12-01	18	16/30	BLACK	100'	7.75	7.44
515-2064-12-01	18	16/30	BLACK	1000'	56.15	53.91

TYPE UL 1015 UL LISTED -40°C to 105°C, 600V

STOCK NO.	AWG	CONDUCTOR STRANDING	COLOR	SPOOL FT.	PRICE PER ROLL	
					1	5
515-2100-12-03	24	7/32	RED	100'	6.20	5.95
515-2100-12-01	24	7/32	BLACK	100'	6.20	5.95
515-2101-12-03	22	7/30	RED	100'	5.90	5.66
515-2101-12-01	22	7/30	BLACK	100'	5.90	5.66
515-2117-12-03	22	SOLID	RED	100'	3.55	3.41
515-2117-12-01	22	SOLID	BLACK	100'	3.55	3.41
515-2102-12-03	20	10/30	RED	100'	7.35	7.06
515-2102-12-01	20	10/30	BLACK	100'	7.35	7.06
515-2118-12-03	20	SOLID	RED	100'	5.40	5.18
515-2118-12-01	20	SOLID	BLACK	100'	5.40	5.18
515-2103-12-03	18	16/30	RED	100'	8.35	8.02
515-2103-12-01	18	16/30	BLACK	100'	8.35	8.02
515-2119-12-03	18	SOLID	RED	100'	7.85	7.54
515-2119-12-01	18	SOLID	BLACK	100'	7.85	7.54



# Power Strips and Supply Cords

## MOUSER® MULTIPLE OUTLET POWER STRIPS



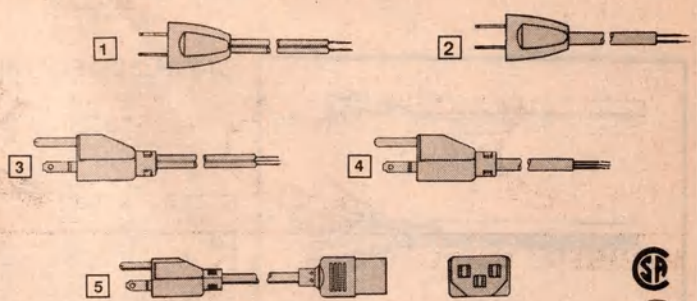
### SPECIFICATIONS:

- UL LISTED #95914
- CIRCUIT BREAKERS
- 15A, 125AC, 60HZ, 1875 WATTS
- CONTINUOUS ACTION
- OUTLETS ARE "U" GROUND DUPLEX
- POWER CORD IS AWG 14/3 WITH MOLDED 3 CONDUCTOR PLUG
- CORD LENGTH IS 6 FEET.

KEYHOLE SLOT MOUNTING ALLOWS VERTICAL OR HORIZONTAL MOUNTING.  
IVORY COLORED, SEAMLESS STEEL CASE HAS BAKED-ON FINISH.

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	20
ME381-WP001	4 OUTLET, MASTER SWITCH	15.99	13.99	12.99	CALL FOR QUOTE
ME381-WP002	6 OUTLET, MASTER SWITCH	19.99	17.99	15.99	

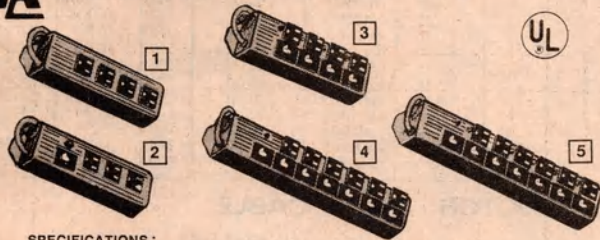
## POWER SUPPLY CORDS



MATES WITH OUR 16PJ151 AND 16PJ522 RECEPTACLE  
SEE JACK AND PLUG SECTION OF THIS CATALOG.



## MULTIPLE OUTLET POWER STRIPS



### SPECIFICATIONS:

- UL LISTED AND 100% FACTORY TESTED
- CIRCUIT BREAKERS
- RUGGED STEEL HOUSING
- FULL 15 AMP, 125VAC RATING
- ELECTRICAL & MECHANICAL GROUNDING THROUGHOUT UNIT
- 6 FT. CORD, 14 GAUGE, 3 CONDUCTOR
- GROUNDED

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH	
			1	5
502-UL20	1	4 OUTLETS	16.91	14.70
502-UL30	2	3 OUTLETS, 1 MASTER SWITCH & PILOT LAMP	18.39	16.00
502-UL40L	3	4 SWITCHED OUTLETS WITH PILOT LAMPS	27.08	23.55
502-UL60	2	6 OUTLETS, 1 MASTER SWITCH & PILOT LAMP	21.05	18.30
502-UL70	4	6 SWITCHED OUTLETS, 1 MASTER SWITCH & PILOT LAMP	34.39	29.90
502-UL70L	5	6 SWITCHED OUTLETS WITH PILOT LAMPS, 1 MASTER SWITCH & PILOT LAMP	40.24	34.99
502-UL80	1	6 OUTLETS	18.11	15.75

STOCK NO.	REPLACES BELDEN #	FIG	SIZE	TYPE	RATING @125V	LENGTH	COLOR	PRICE EACH			
								1	10	100	500
2-CONDUCTOR POWER CORDS								UL & CSA LISTED			
557-11101	17105	1	18/2	SPT-1	10A	6 FT	BLACK	.79	.77	.72	CALL
557-11121	17106	1	18/2	SPT-1	10A	6 FT	BROWN	.79	.77	.72	FOR
557-11122	-----	1	18/2	SPT-1	10A	7 FT	BROWN	.89	.84	.79	QUOTE
557-31101	-----	1	18/2	SPT-2	10A	6 FT	BLACK	.92	.87	.82	
557-31102	-----	1	18/2	SPT-2	10A	7 FT	BLACK	.98	.94	.87	
557-71103	-----	2	18/2	SJT	10A	8 FT	BLACK	2.21	2.02	1.84	
3-CONDUCTOR POWER SUPPLY AND REPLACEMENT CORDS								UL & CSA LISTED			
557-33121	-----	3	18/3	SPT-2	10A	6 FT	GRAY	1.71	1.42	1.29	CALL
557-33101	-----	3	18/3	SPT-2	10A	6 FT	BLACK	1.71	1.42	1.29	FOR
557-53101	17237	4	18/3	SVT	10A	6 FT	BLACK	2.11	1.89	1.72	QUOTE
557-53121	17237	4	18/3	SVT	10A	6 FT	GRAY	2.11	1.89	1.72	
557-53122	17239	4	18/3	SVT	10A	8 FT	GRAY	2.45	2.27	2.06	
557-53102	17239	4	18/3	SVT	10A	8 FT	BLACK	2.45	2.27	2.06	
557-73101	17405	4	18/3	SJT	10A	6 FT	BLACK	2.35	2.07	1.89	
557-73102	17406	4	18/3	SJT	10A	8 FT	BLACK	2.67	2.48	2.25	
557-78101	-----	4	14/3	SJT	15A	6 FT	BLACK	3.20	2.77	2.52	
557-75102	-----	4	16/3	SJT	13A	8 FT	BLACK	3.37	2.82	2.53	
557-75103	-----	4	16/3	SJT	13A	10 FT	BLACK	3.88	3.35	2.95	
DETACHABLE CORD SETS 3-CONDUCTOR								UL & CSA LISTED			
557-63101	17250	5	18/3	SVT	10A	7.5 FT	BLACK	3.44	2.86	2.59	CALL
557-63121	17250	5	18/3	SVT	10A	7.5 FT	GRAY	3.44	2.86	2.59	FOR
557-63102	-----	5	18/3	SVT	10A	8.0 FT	BLACK	3.63	3.53	2.77	QUOTE
557-63122	-----	5	18/3	SVT	10A	8.0 FT	GRAY	3.63	3.53	2.77	

## COMPUTER ACCESSORIES

### DESK TOP SURGE ARRESTOR AND RFI/EMI FILTER

NEW IN 88



### DESK TOP POWER CONSOLE

SIX OUTLETS WITH INDEPENDENT LIGHTED SWITCHES FOR EACH CONTROLLED BY USER. SEVENTH OUTLET IS ALWAYS "ON" FOR USE WITH DEVICE THAT USER DOES NOT WANT TURNED OFF. MASTER SWITCH ALLOWS USER TO POWER DOWN ALL OUTLETS EXCEPT CONSTANT ON.  
HEAVY DUTY SURGE AND RFI/EMI CIRCUITRY PROTECTS ADDS THE CRITICAL PROTECTION NEEDED TO ELIMINATE AC LINE GENERATED EQUIPMENT AND DATA FAILURE. UL LISTED COMPONENTS THROUGHOUT.

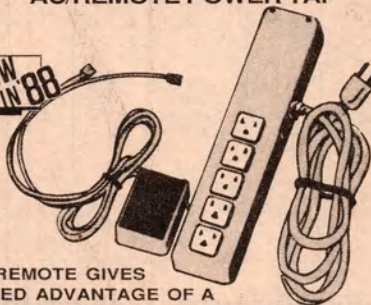
### SPECIFICATIONS:

- DEPTH: 4 1/2" WIDTH: 9 1/2" HEIGHT: 2 3/4"
- POWER CORD LENGTH: 6 FEET
- NUMBER OF OUTLETS: SEVEN, SIX SWITCHABLE
- MAX. POWER CAPACITY: 15 AMPS • 110-120VAC
- MAX. PULSE POWER CAPABILITY: 100 AMPS • 1ms
- PEAK CURRENT SURGE RATING: 6500 AMPS
- PEAK POWER DISSIPATION: 1ms, 7000 WATTS (70 JOULES)
- SPIKE CLAMPING INITIATE: 184 VOLTS
- RFI ATTENUATION: 8.5db • 150KHz  
46db • 20MHz

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	20
524-3280	DESK TOP POWER CONSOLE	85.45	75.42	72.91	70.39

### AC/REMOTE POWER TAP

NEW IN 88



### AC/REMOTE GIVES ADDED ADVANTAGE OF A CONVENIENTLY LOCATED ON-OFF SWITCH

ALL SOCKETS ARE CONTROLLED FROM A MINIATURE CONTROL BOX WHICH CAN BE NEATLY PLACED ON THE SIDE OF A DESK OR BENCH. THE AUTOMATIC POWER DOWN FEATURE, UNTIL RESET, SHUTS DOWN ALL POWER IF ELECTRICAL POWER IS LOST FOR MORE THAN A VERY BRIEF MOMENT.

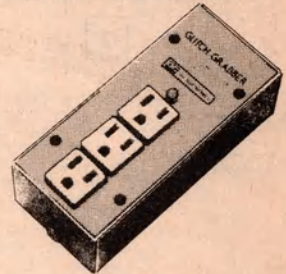
### SPECIFICATIONS:

- OUTLET CASE CONSTRUCTION: ALL STEEL
- SWITCH BOX CONSTRUCTION: HIGH IMPACT STYRENE
- OUTLET CASE SIZE: 7 3/4"L, 2 1/4"W, 1 3/4"H
- SWITCH BOX SIZE: 2 1/8"W, 2"H, 1 1/8"D
- POWER CORD LENGTH: 6 FEET
- NUMBER OF OUTLETS: 5, ALL REMOTELY CONTROLLED
- MAX. POWER CAPACITY: 15 AMPS • 110-120VAC
- MAX. PULSE POWER CAPABILITY: 100 AMPS • 1ms
- PEAK CURRENT SURGE RATING: 6500 AMPS
- PEAK POWER DISSIPATION: 1ms, 7000 WATTS (70 JOULES)
- RFI ATTENUATION: 8.5db • 150KHz  
46db • 20MHz
- AUTOMATIC POWER DOWN: 50ms, SHUT DOWN

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	20
524-3260	AC/REMOTE POWER TAP	69.73	65.37	63.19	61.01

### GLITCH GRABBER™ AC LINE FILTER & SURGE ARRESTOR

NEW IN 88



### FOR COMPUTER AND SECURITY SYSTEMS

THE GLITCH GRABBER™ PLUGS INTO THE OUTLET AND ITS ELECTRONIC FILTER ALLOWS A CLEAN 120VAC ENERGY FLOW TO PASS THROUGH THE POWER LINES, BUT ROUTES RFI- AND ITS RESULTING GLITCHES- INTO THE GROUND. THE GLITCH GRABBER™ IS INVALUABLE PROTECTION FOR VIRTUALLY ALL TYPES OF SENSITIVE ELECTRONIC EQUIPMENT.

### SPECIFICATIONS:

- MAX PULSE POWER CAPABILITY: 100 AMPS • 1ms
- MAX CURRENT SURGE RATING: 19,500 AMPS
- PEAK POWER DISSIPATION: 1ms, 21,000 WATTS (210 JOULES)
- MAX. CLAMPING VOLTAGE: 340V • 100 AMPS
- CLAMPING RESPONSE TIME: BETTER THAN 50 NANO SECONDS
- RFI NOISE ATTENUATION: 10db • 150KHz  
50db • 20MHz
- GROUND CONFIRM: NEON LAMP INDICATES PROPERLY GROUNDED OUTLET

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	20
524-3307	GLITCH GRABBER	57.50	53.91	52.11	50.32

"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.



## UNSHIELDED MULTI-CONDUCTOR AUDIO CABLE

- STRANDED TINNED COPPER CONDUCTORS
- OPERATING TEMPERATURE: -20°C TO +80°C

- CHROME GRAY JACKET
- COLOR CODED TWISTED PAIRS
- PVC INSULATION

REPLACES BELDEN	REPLACES ALPHA	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	DESCRIPTION	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL
										1 5
8461	1897	515-2830-12	1	18	2	16/30	UNPAIRED	GRAY	100	22.05 21.17
---	1898	515-2831-12	1	18	3	16/30	UNPAIRED	GRAY	100	23.55 22.61
8443	1173	515-4062-12	1	22	3	7/30	UNPAIRED	GRAY	100	12.85 13.30
8444	1174	515-4063-12	1	22	4	7/30	UNPAIRED	GRAY	100	17.25 16.65
9421	1178	515-4065-12	1	22	8	7/30	UNPAIRED	GRAY	100	29.60 28.42
8457	1181	515-4067-12	1	22	12	7/30	UNPAIRED	GRAY	100	54.55 52.37
8459	1181/25	515-4076-12	1	22	25	7/30	UNPAIRED	GRAY	100	134.40 129.02
8442	1172	515-6348-12	1	22	2	7/30	UNPAIRED	GRAY	100	11.05 10.61
---	1896	515-6352-12	1	20	3	10/30	UNPAIRED	GRAY	100	20.15 19.34
8489	1898/14	515-2404-12	1	18	4	16/30	UNPAIRED	GRAY	100	5.30 5.09
9740	1131	515-6101-12	2	18	2	16/30	PAIRED	GRAY	100	14.85 14.26
9156	1132	515-6118-12	2	18	4	16/30	PAIRED	GRAY	100	28.40 27.26
---	1202	515-4408-18	3	22	2	SOLID	UNPAIRED	BEIGE	500	45.60 43.78
---	1202	515-4408-21	3	22	2	SOLID	UNPAIRED	BEIGE	1000	91.20 87.55
---	1203	515-4410-18	3	22	3	SOLID	UNPAIRED	BEIGE	500	48.20 46.27
---	1203	515-4410-21	3	22	3	SOLID	UNPAIRED	BEIGE	1000	96.45 92.59
---	1204	515-4412-18	3	22	4	SOLID	UNPAIRED	BEIGE	500	61.40 58.94
---	1204	515-4412-21	3	22	4	SOLID	UNPAIRED	BEIGE	1000	119.55 114.77
---	1304	515-4014-18	4	22	6	SOLID	PAIRED	GRAY	500	91.75 88.08
---	1304	515-4014-21	4	22	6	SOLID	PAIRED	GRAY	1000	183.45 176.11

## SHIELDED MULTI-CONDUCTOR AUDIO CABLE

### BRAIDED AUDIO CABLE

- BRAIDED TINNED COPPER SHIELD
- BLACK PVC JACKET
- STRANDED TINNED COPPER CONDUCTORS
- COLOR CODED PVC INSULATION

### FOIL AUDIO CABLE

- FLEX FOIL SHIELD (MYLAR/ALUMINUM)
- CHROME GRAY JACKET
- COLOR CODED PVC INSULATION
- STRANDED TINNED COPPER DRAIN WIRE
- STRANDED TINNED COPPER CONDUCTORS

### SPIRAL AUDIO CABLE

- SPIRAL WRAPPED TINNED COPPER SHIELD
- CHROME GRAY PVC JACKET
- STRANDED TINNED COPPER CONDUCTORS
- COLOR CODED PVC INSULATION

### MULTI-CONDUCTOR AUDIO CABLE

- OPERATING TEMPERATURE: -20°C TO +60°C

REPLACES BELDEN	REPLACES ALPHA	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	NOMINAL O.D. (IN.)	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL
										1 5
BRAIDED AUDIO CABLE										
8735	1737	515-2678-12	5	22	3	7/30	.21	BLACK	100	30.05 28.85
---	1747	515-2687-12	5	18	3	16/30	.26	BLACK	100	58.20 55.87
SPIRAL AUDIO CABLE										
8737	2254	515-2882-12	6	22	2	7/30	.19	GRAY	100	22.05 21.17
8759	2256	515-2888-12	6	20	2	10/30	.20	GRAY	100	27.55 26.45
8790	2258	515-2892-12	6	18	2	16/30	.24	GRAY	100	34.10 32.74
FOIL AUDIO CABLE										
---	2404	515-2523-12	7	22	4	7/30	.20	GRAY	100	25.25 24.24
8761	2401	515-2514-12	7	22	2	7/30	.18	GRAY	100	14.75 14.16
8760	2422	515-2534-12	7	18	2	16/30	.23	GRAY	100	18.55 17.81
8719	2432	515-2536-12	7	16	2	19/29	.31	GRAY	100	32.65 31.34
8720	2442	515-2538-12	7	14	2	19/27	.35	GRAY	100	49.75 47.76
MULTI-CONDUCTOR AUDIO CABLE										
---	---	515-2526-12	8	22	3	7/30	.18	GRAY	100	24.80 23.81
---	---	515-2526-18	8	22	3	7/30	.18	GRAY	500	95.35 91.54
---	---	515-2526-21	8	22	3	7/30	.18	GRAY	1000	190.40 182.78

## FOIL SHIELDED MINIATURE AUDIO CABLE

- FLEX FOIL SHIELD (MYLAR/ALUMINUM)
- CHROME GRAY JACKET
- COLOR CODED PVC INSULATION

- STRANDED TINNED COPPER DRAIN WIRE
- STRANDED TINNED COPPER CONDUCTORS

REPLACES BELDEN	REPLACES ALPHA	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	NOMINAL O.D. (IN.)	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL
										1 5
8451	2461	515-2516-12	9	22	2	7/30	.22	GRAY	100	18.40 17.76

## INDIVIDUALLY SHIELDED AUDIO CABLE



FOR AUDIO RF AND PULSE APPLICATIONS REQUIRING SUPERIOR CIRCUIT ISOLATION. POLYPROPYLENE INSULATION RESULTS IN EXCELLENT HIGH FREQUENCY PROPERTIES AND MECHANICAL DURABILITY.

- OPERATING TEMPERATURE: JACKET +60°C
- CAPACITANCE BETWEEN ADJACENT SHIELDS: 115pF/FT.
- INSULATION RESISTANCE: 100MEG OHMS/3.2FT.
- EACH PAIR OF 3 INDIVIDUALLY INSULATED

REPLACES BELDEN	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	WORKING VOLTS AC	BREAKDOWN VAC	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL
										1 5
8777	515-6040-12	10	22	6	7/30	300	1500	CHROME-GRAY	100	49.15 47.18
8777	515-6040-18	10	22	6	7/30	300	1500	CHROME-GRAY	500	214.55 205.97
8777	515-6040-21	10	22	6	7/30	300	1500	CHROME-GRAY	1000	428.75 411.60



## TWIN AXIAL DATA CABLE

- 95% TINNED COPPER BRAID SHIELD
- BLACK PVC JACKET
- 1 BARE AND 1 TINNED CONDUCTOR
- SOLID POLYETHYLENE INSULATION
- POLYETHYLENE DIELECTRIC

REPLACES BELDEN	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	NOMINAL O.D. (IN.)	VOLTAGE RATING	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL	
										1	5
9207	515-8000-12	1	20	2	7/28	.33	300	BLACK	100	79.00	75.84

## COAXIAL TRANSMISSION LINE CABLE

- 95% BRAIDED SHIELDING
- LOW LOSS, RG TRANSMISSION LINE CABLE FOR USE IN THE CB/HAM OR MATV/CATV FIELD.

REPLACES ALPHA	REPLACES BELDEN	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	RG TYPE	NOM IMP	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL	
											1	5
9174		515-1156-12	2	26	1	STRANDED	17H/u	50	BLACK	100'	17.65	16.94
9174		515-1156-18	2	26	1	SOLID	17H/u	50	BLACK	500'	70.55	67.73
	8254	515-1163-18	2	22	1	SOLID	62/u	93	BLACK	500'	73.30	70.37
	9269	515-1164-18	2	22	1	SOLID	62/u	93	BLACK	500'	77.30	74.21
	8241	515-1104-12	2	22	1	SOLID	59/u	73	BLACK	100'	18.25	17.52
	9291	515-5770-18	2	22	1	SOLID	59/u	73	BLACK	500'	46.60	44.74
		515-1105-18	2	22	1	SOLID	59/u	73	BLACK	100'	22.10	20.99
		515-1105-12	2	22	1	SOLID	59/u	73	BLACK	500'	86.10	82.66
		515-1166-12	2	20	1	SOLID	58/u	50	BLACK	100'	18.90	18.14
9058		515-1166-18	2	20	1	SOLID	58/u	50	BLACK	500'	75.45	72.43
9058		515-1178-12	2	20	1	SOLID	58/u	50	BLACK	100'	20.80	19.97
9058A	8259	515-1107-12	2	16	1	SOLID	8/u	50	BLACK	100'	18.40	17.66
9008	8237	515-1154-12	2	12	1	STRANDED	8/u	50	BLACK	100'	45.05	43.25

## SHEILDDED COMPUTER AND CONTROL CABLE

- TINNED COPPER CONDUCTORS
- SEMI-RIGID PVC INSULATION TO UL STYLE 1061 CSA TYPE SR-PVC.
- PASSES VW-1 VERTICAL FLAME TEST

REPLACES BELDEN	REPLACES ALPHA	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	NOMINAL O.D. (IN.)	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL	
										1	5
9502	5472	515-0601-12	3	24	2P	7/32	.22	GRAY	100	28.25	27.12
9504	5474	515-0603-12	3	24	2P	7/32	.25	GRAY	100	49.10	47.14
9534	5094	515-0742-12	4	24	4C	7/32	.19	GRAY	100	27.90	26.69
9543	5100/25	515-0748-12	4	24	25C	7/32	.35	GRAY	100	168.45	161.71
5301	----	515-0301-12	5	24	7C	7/32	.28	GRAY	100	110.05	105.65
5303	----	515-0303-12	5	24	15C	7/32	.36	GRAY	100	195.95	188.11
5305	----	515-0305-12	5	24	27C	7/32	.43	GRAY	100	279.70	268.51

## UNSHEILDDED COMPUTER AND CONTROL CABLE

- 55% BRAIDED COPPER SHIELD + ALUMINUM/ MYLAR FOIL SHIELD
- CLEAR MYLAR WRAP
- BRAIDED TINNED COPPER SHIELD
- FLEX FOIL SHIELD
- CHROME GRAY JACKET
- STRANDED TINNED COPPER CONDUCTORS
- COLOR CODED PVC INSULATION

REPLACES ALPHA	STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	NOMINAL O.D. (IN.)	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL	
									1	5
5201	515-0201-12	6 *	24	7	7/32	.26	CHROME-GRAY	100	91.65	87.98
5203	515-0203-12	6 *	24	15	7/32	.333	CHROME-GRAY	100	168.65	161.90
5205	515-0205-12	6 *	24	27	7/32	.40	CHROME-GRAY	100	244.45	204.34

## PVC INSULATED TEST LEAD WIRE

- OPERATING TEMPERATURE: -20°C TO +60°C

STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	WORKING VOLTAGE	BREAKDOWN VAC RMS	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL	
									1	5
515-1320-15-03	7	18	1	65/36	5000	20,000	RED	250	25.15	24.14
515-1320-15-01	7	18	1	65/36	5000	20,000	BLACK	250	25.15	24.14
515-1320-18-03	7	18	1	65/36	5000	20,000	RED	500	49.95	47.95
515-1320-18-01	7	18	1	65/36	5000	20,000	BLACK	500	49.95	47.95

## MICROPHONE CABLE

- FOR USE WITH HIGH AND LOW IMPEDANCE MICROPHONES AND HI FI INTERCONNECTING CABLES
- CONSTRUCTION: TINNED COPPER CONDUCTORS, FOAM AND COLOR CODED POLYETHYLENE INSULATION WITH SPIRAL OR BRAIDED COPPER SHIELD.

STOCK NO.	FIG.	AWG	NO. OF COND.	STRANDING	WORKING VOLTAGE	DESCRIPTION	JACKET COLOR	SPOOL FT.	PRICE PER SPOOL	
									1	5
515-1322-12	8	22	2	16/34	1000	BRAIDED	SILVER-GRAY	100	42.75	41.04
515-1359-12	9	25	1	7/33	1000	SPIRAL	SILVER-GRAY	100	18.70	17.95
515-1379-12	9	25	1	7/33	1000	BRAIDED	SILVER-GRAY	100	26.10	25.05



# Cables, Magnet Wire, & Tubing

## MAGNET WIRE



### HEAVY NYELEZE 130°C

MAGNET WIRE WITH A 130°C (202°F) THERMAL RATING DESIGNED FOR ELECTROMAGNETIC APPLICATIONS SUCH AS TRANSFORMERS, CHOKES, RELAYS, MOTORS ETC. INSULATION IS A HEAVY (DOUBLE) NYLON TYPE COATING FOR EXCELLENT DURABILITY AND GOOD RESISTANCE TO BREAKAGE.

STOCK NO.	GAGE	SPOOL DIA.	MIN. SPOOL WT.	APPROX. FEET	PRICE EACH
501-MW18H	18	6"	81b	1600	40.19
501-MW20H	20	6"	81b	2500	41.34
501-MW22H	22	6"	81b	4000	47.17
501-MW24H	24	6"	81b	6000	45.94
501-MW26H	26	6"	81b	10000	49.39
501-MW28H	28	6"	101b	15000	57.18

## HEAT SHRINKABLE TUBING



### ASSORTMENTS

6" LENGTHS. FUNGUS RESISTANT. NON-CORROSIVE. MEETS MIL SPEC, UL AND ASTM D-922 REQUIREMENTS. PVC

STOCK NO.	DESCRIPTION	PRICE EACH
524-12-1080	23 PIECES BLACK	2.99
524-12-1082	19 PIECES CLEAR	2.99

## LACING FILAMENT



SUPPLIED IN 500 YARD SPOOLS

FLAT BRAIDED HIGH TENACITY NYLON YARN IMPREGNATED WITH MICROCRYSTALLINE FUNGICIDAL WAX. 500 YARD SPOOLS IN W-WAX MIL SPEC "B" FINISH.

W-WAX, MIL SPEC "B"

A MICROCRYSTALLINE FUNGICIDAL WAX WHICH EXCEEDS MILITARY SPECIFICATIONS, PROVIDES EXCELLENT KNOT RETENTION AND IS SUITABLE FOR EITHER LACING OR SPOT TIES.

- OPERATIONAL TEMP. RANGES: -67° TO +250°F ON ALL ITEMS.
- TEST TENSILE STRENGTH: 50 lbs. ON ALL ITEMS.

STOCK NO.	WIDTH	COLOR	FINISH	SPOOL PRICE
501-50N0F17W-WH	.090"	NATURAL	W	13.76

## MULTI-CONDUCTOR CABLE

### RETRACTABLE

3 OR 5 COLOR CODED CONDUCTORS WITH SHIELD CONDUCTOR.



STOCK NO.	NO. CONDUCTORS	EXTENDED LENGTH	RETRACTED LENGTH	PRICE EACH		
				1	10	100
556-TEC60	3	5 FT	20 IN	2.30	1.95	1.89
556-TEC70	3	10 FT	2 1/2 FT	3.73	3.19	3.09
556-TEC80	5	5 FT	2 FT	2.66	2.39	2.11

## INSUL-TAV3 SHRINKABLE TUBING



POLYVINYLCHLORIDE (PVC)  
HEAT SHRINKABLE TUBING  
50% SHRINKAGE

- UL FILE NO. E28044
- MEETS REQUIREMENTS OF U/L VW-1 AND MIL-1-23053/2 SPECIFICATIONS
- EXTRA-FLEXIBLE TUBING, IDEAL FOR CABLE JACKETS
- SHRINKAGE TEMPERATURE: 200°F
- OPERATING TEMPERATURE: 105°C, CONTINUOUS
- LONGITUDINAL SHRINKAGE: 20%
- ENVIRONMENT RESISTANCE: RESISTS MOST CHEMICALS & OILS. INERT TO FUNGUS

STOCK NO.	SIZE	EXPANDED I.D. MIN	RECOVERED I.D. MAX.	RECOVERED WALL NORM	PRICE EACH	
					10' LENGTHS	1
536-HS105-1/16x	1/16"	.063	.032	.020	.92	.82
536-HS105-3/32x	3/32"	.093	.046	.020	.99	.89
536-HS105-1/8x	1/8"	.125	.063	.020	1.06	.93
536-HS105-3/16x	3/16"	.187	.093	.020	1.12	.98
536-HS105-1/4x	1/4"	.250	.125	.025	1.15	1.05
536-HS105-5/16x	5/16"	.313	.157	.025	1.58	1.34
536-HS105-3/8x	3/8"	.375	.187	.025	1.81	1.65
536-HS105-1/2x	1/2"	.500	.250	.025	2.27	2.05
536-HS105-5/8x	5/8"	.625	.313	.025	2.59	2.42
536-HS105-3/4x	3/4"	.750	.375	.030	3.18	2.91
536-HS105-1x	1"	1.000	.500	.035	4.17	3.68

### HEAT SHRINKABLE TUBING BY THE REEL

STOCK NO.	SIZE	EXPANDED I.D. MIN	RECOVERED I.D. MAX.	RECOVERED WALL NORM	REEL LENGTH	PRICE PER REEL	
						1	5
536-HS105-1/16-1M	1/16"	.063	.032	.020	1000 FT	77.59	69.99
536-HS105-3/32-1M	3/32"	.093	.046	.020	1000 FT	81.29	73.92
536-HS105-1/8-1M	1/8"	.125	.063	.020	1000 FT	82.79	75.25
536-HS105-3/16-1M	3/16"	.187	.093	.020	1000 FT	93.12	84.65
536-HS105-1/4-1M	1/4"	.250	.125	.025	1000 FT	99.99	91.29
536-HS105-3/8-5C	3/8"	.375	.187	.025	500 FT	71.69	65.18
536-HS105-1/2-2.5C	1/2"	.500	.250	.025	250 FT	42.79	38.99

## CAROL POWER CORDS

STRANDED SPEAKER WIRE  
CLEAR VINYL INSULATION



STOCK NO.	SIZE	COLOR	LENGTH	PRICE PER REEL
515-1356-12-90	24	CLEAR	100 FT	5.95
515-1356-18-90	24	CLEAR	500 FT	20.20
515-1356-21-90	24	CLEAR	1000 FT	40.85

### STRANDED ZIP CORD



STOCK NO.	SIZE	COLOR	LENGTH	PRICE PER REEL
515-1415-15-08	18/2/SPT-1	BROWN	250 FT.	20.80
515-1415-15-01	18/2/SPT-1	BLACK	250 FT.	20.80

SJT HEAVY-DUTY JACKETED POWER CORD

VINYL, 300V 60°C

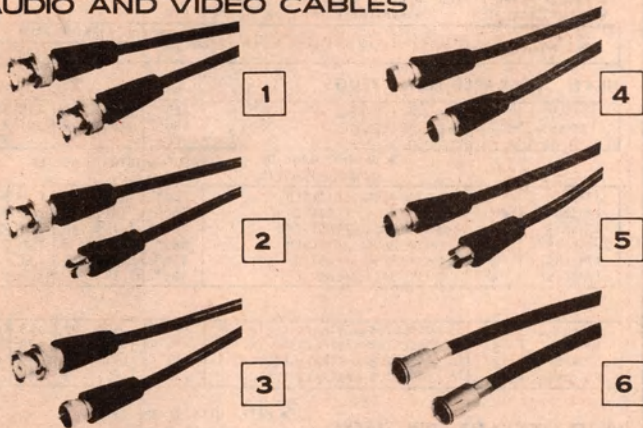


STOCK NO.	SIZE	COLOR	LENGTH	PRICE PER REEL
515-1497-15	18/3/SJT	BLACK	250 FT.	55.50



# MOUSER® Audio and Video Cables

## AUDIO AND VIDEO CABLES

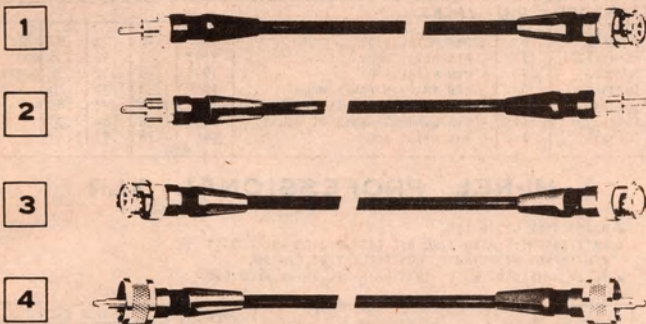


THESE CABLES ARE VERY VERSATILE AND CAN BE USED FOR BENCH TEST, TV TO VCR AND TV TO STEREO. CABLES COME IN STANDARD 6' LENGTHS. CONNECTORS ARE PLATED FOR LONG LIFE AND RELIABILITY.

- PRE-ASSEMBLED
- WEATHER RESISTANT
- ALL CABLES ARE 75 OHM CO-AXIAL CABLE
- FIG. 1 THRU 5 FEATURE MOLDED STRAIN RELIEF
- FIG. 6 HAS CRIMPED CONNECTOR

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME172-6650	1	BNC TO BNC	4.97	4.14	3.76	CALL FOR QUOTE
ME172-6670	2	BNC TO RCA	3.62	2.99	2.75	
ME172-6680	3	BNC TO F	3.75	3.13	2.84	
ME172-6690	4	F TO F	2.56	2.14	1.94	
ME172-6770	5	F TO RCA	2.56	2.20	1.99	
ME172-6691	6	F TO F PUSH-ON	2.56	2.20	1.99	

## MOUSER® AUDIO AND VIDEO CABLES



THESE AUDIO AND VIDEO CABLES ARE FLEXIBLE FOR MANY HI-FI, BENCH TECH AND EARTH SATELLITE APPLICATIONS. CABLES COME IN STANDARD 6 FT. LENGTH. CONNECTORS ARE NICKEL PLATED FOR LONGER LIFE AND CONSTRUCTED FOR EASY HOOK UP.

- PRE-ASSEMBLED
- WEATHER RESISTANT
- STRAIN RELIEF FOR POSITIVE RETENTION
- ALL CABLES ARE SHIELDED FOR REDUCED INTERFERENCE
- ALL CABLES ARE 75 OHM CO-AXIAL CABLE

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME172-2130	1	RCA PLUG TO BNC	6.85	5.54	4.99	CALL FOR QUOTE
ME172-2101	2	RCA PLUG TO RCA PLUG	4.51	3.63	3.26	
ME172-2129	3	BNC TO BNC	7.36	6.13	5.57	
ME172-2133	4	PL-259 (UHF) TO PL-259 (UHF)	4.81	3.99	3.64	

## HI-REL AND STANDARD AUDIO CABLES



STOCK NO.	FIG.	LENGTH	DESCRIPTION	PRICE EACH			
				1	10	100	500
STANDARD PHONO CABLES							
17FH101	1	36"	MALE RCA PIN TO MALE RCA PIN, SHIELDED CABLE	.94	.73	.66	CALL FOR QUOTE
17FH105	1	60"	MALE RCA PIN TO MALE RCA PIN, SHIELDED CABLE	1.06	.82	.71	
HI-REL PHONO CABLES							
17RC001	1	36"	MALE RCA PIN TO MALE RCA PIN, SHIELDED CABLE	1.27	.98	.89	CALL FOR QUOTE
17RC005	1	60"	MALE RCA PIN TO MALE RCA PIN, SHIELDED CABLE	1.51	1.16	1.04	
17RC004	1	120"	MALE RCA PIN TO MALE RCA PIN, SHIELDED CABLE	1.97	1.64	1.49	
17RC002	2	72"	RCA PHONO PLUG TO RCA INLINE PHONE JACK, SHIELDED CABLE	1.81	1.51	1.37	
17RC003	2	120"	RCA PHONO PLUG TO RCA INLINE PHONE JACK, SHIELDED CABLE	2.07	1.73	1.57	
17RC011	3	72"	RCA PHONO PLUG TO STRIPPED AND TINNED SHIELDED CABLE	1.25	1.05	.96	
STANDARD PHONE CABLES							
17FH128	4	72"	3.5mm PLUG TO STRIPPED AND TINNED, PARALLEL CORD	.71	.59	.55	
HI-REL PHONE CABLES							
17RC021	4	72"	2.5mm PLUG TO STRIPPED AND TINNED, PARALLEL CORD	.98	.76	.69	CALL FOR QUOTE
17RC028	4	72"	3.5mm PLUG TO STRIPPED AND TINNED, PARALLEL CORD	.98	.76	.69	
17RC029	5	60"	3.5mm PLUG TO 3.5mm PLUG, SHIELDED CABLE	1.25	1.05	.96	
17RC006	5	72"	3.5mm PLUG TO 3.5mm PLUG, SHIELDED CABLE	1.52	1.27	1.15	
17RC012	6	72"	2.5mm PLUG TO 2.5mm PLUG STRIPPED AND TINNED, SHIELDED CABLE	1.25	1.05	.96	
17RC009	6	72"	3.5mm PLUG TO STRIPPED AND TINNED, SHIELDED CABLE	1.25	1.05	.96	
17RC010	7	72"	1/4" MONO PHONE PLUG TO STRIPPED & TINNED, SHIELDED CABLE	1.52	1.27	1.15	
17RC030	8	10'	1/4" MONO PHONE PLUG TO STRIPPED & TINNED, RETRACTABLE CORD	3.19	2.66	2.42	
17RC008	9	72"	1/4" STEREO PHONE PLUG TO STRIPPED & TINNED, SHIELDED CABLE	2.34	1.95	1.77	
HI-REL DIN CABLES							
17RC007	10	72"	5-PIN DIN PLUG TO STRIPPED AND TINNED, SHIELDED CABLE	4.71	3.93	3.57	
STANDARD DC POWER CABLES							
17FH114	11	72"	2.5mm PLUG TO STRIPPED AND TINNED, 24 AWG PARALLEL CORD	.69	.54	.49	
HI-REL DC POWER CABLES							
17RC015	9	72"	2.1mm PLUG TO STRIPPED AND TINNED, 24 GAUGE PARALLEL CORD	1.05	.79	.73	
17RC014	9	72"	2.5mm PLUG TO STRIPPED AND TINNED, 24 GAUGE PARALLEL CORD	1.05	.79	.73	

ORDER BY PHONE, FAX, TELEX, OR MAIL



# MOUSER® Jacks & Plugs

## DIN CONNECTORS

- BRIGHT METAL PLATED
- BUILT-IN STRAIN RELIEF
- FULLY INSULATED
- AVAILABLE IN 3, 4, 5, OR 6 PIN

STOCK NO.	FIG	DESCRIPTION	DEGREES OF ARC	PRICE EACH			
				1	10	100	500

### HI-REL LOCKABLE DIN PLUGS

17HR593	1	3-CON LOCKABLE	180°	2.70	2.08	1.89	CALL FOR QUOTE
17HR595	1	5-CON LOCKABLE	180°	3.09	2.38	2.16	CALL FOR QUOTE

- BRIGHT METAL OR QUALITY PLASTIC
- BUILT-IN STRAIN RELIEF

17HR613	2	3-CON PLUG, SHIELDED	180°	1.60	1.27	1.14	CALL FOR QUOTE
17HR803	3	3-CON PLUG, PLASTIC	180°	.81	.62	.56	CALL FOR QUOTE
17HR813	4	3-CON JACK, PLASTIC	180°	1.14	.94	.85	CALL FOR QUOTE
17HR615	2	5-CON PLUG, SHIELDED	180°	1.70	1.38	1.25	CALL FOR QUOTE
17HR805	3	5-CON PLUG, PLASTIC	180°	.86	.66	.60	CALL FOR QUOTE
17HR815	4	5-CON JACK, PLASTIC	180°	1.14	.94	.85	CALL FOR QUOTE

17PP075	5	3 CONDUCTOR w/STRAIN RELIEF	180°	.90	.69	.63	CALL FOR QUOTE
17PP001	5	4 CONDUCTOR w/STRAIN RELIEF	216°	1.03	.79	.72	CALL FOR QUOTE
17DN100	5	5 CONDUCTOR w/STRAIN RELIEF	180°	.96	.74	.67	CALL FOR QUOTE
17PP048	5	6 CONDUCTOR w/STRAIN RELIEF	240°	1.26	1.05	.95	CALL FOR QUOTE

### HI-REL LOCKABLE DIN JACKS

- MATES WITH HI-REL TYPE OR STANDARD PLUGS

16HR633	6	3-CON UNIVERSAL CHASSIS JACK	180°	1.39	1.07	.98	CALL FOR QUOTE
16HR635	6	5-CON UNIVERSAL CHASSIS JACK	180°	1.55	1.19	1.08	CALL FOR QUOTE
16HR653	7	3-CON PROFESSIONAL CHASSIS JACK	180°	2.55	1.96	1.78	CALL FOR QUOTE
16HR655	7	5-CON PROFESSIONAL CHASSIS JACK	180°	2.73	2.10	1.91	CALL FOR QUOTE

### STANDARD DIN JACKS

16PJ102	9	3 PIN METAL BODY	180°	.78	.53	.47	CALL FOR QUOTE
ME161-4701	9	4 PIN METAL BODY	216°	.52	.40	.36	CALL FOR QUOTE
16DN100	9	5 PIN METAL BODY	180°	.45	.40	.36	CALL FOR QUOTE
16PJ369	8	5 PIN SNAP-IN PANEL MOUNT	180°	1.58	1.31	1.20	CALL FOR QUOTE
16PJ230	10	5 PIN W/SPST NORM CLOSED SWITCH	180°	1.21	.93	.85	CALL FOR QUOTE
16PJ109	11	5 PIN W/RIGHT ANGLE PC MOUNT	180°	1.08	.84	.76	CALL FOR QUOTE
16PJ224	9	6 PIN METAL BODY	240°	.78	.53	.47	CALL FOR QUOTE

## HI-REL PROFESSIONAL XLR

- LATCH LOCK.
- RATED 150V UP TO 15A.
- MATT CHROME-PLATED ZINC DIE CAST BODIES ARE ROBUST AND IMPACT RESISTANT. NON REFLECTIVE FINISH.
- FULLY SHIELDED, BUILT-IN STRAIN-RELIEF ON PLUG END.

STOCK NO.	FIG	DESCRIPTION	FITS	REPLACES SWITCHCRAFT	PRICE EACH			
					1	10	100	500
17HR203	12	3-CON FEMALE PLUG	16HR233	A3F	4.40	3.67	3.34	CALL FOR QUOTE
17HR213	13	3-CON MALE PLUG	16HR223	A3M	3.43	2.85	2.59	CALL FOR QUOTE
16HR223	14	3-CON CHASSIS SOCKET	17HR213	D3F	4.09	3.41	3.10	CALL FOR QUOTE
16HR233	15	3-CON CHASSIS SOCKET	17HR203	D3M	2.45	1.99	1.83	CALL FOR QUOTE

## DC POWER CONNECTORS

STOCK NO.	FIG	DESCRIPTION	PRICE EACH			
			1	10	100	500

### DC POWER JACKS MOST FEATURES PHOSPHOR BRONZE SPRING, BRASS PINS & TERMINALS

16PJ031	16	2.1mm PIN DIA. MOLDED PC MOUNT	.43	.29	.26	CALL FOR QUOTE
16PJ032	16	2.5mm PIN DIA. MOLDED PC MOUNT	.46	.31	.28	CALL FOR QUOTE
16PJ314	17	2.5mm PIN, MOLDED PC MOUNT W/ SWITCH	1.60	1.33	1.21	CALL FOR QUOTE
16PJ093	18	2.1mm DIA. PIN, MOLDED PC MOUNT	.57	.38	.34	CALL FOR QUOTE
16PJ101	19	2.1mm DIA. PIN, PC MOUNT	.61	.41	.37	CALL FOR QUOTE
16PJ223	19	2.5mm DIA. PIN	.61	.41	.37	CALL FOR QUOTE
16PJ121	20	2.5mm PIN MOLDED, CHASSIS MTD.	.74	.49	.45	CALL FOR QUOTE
16PJ122	20	2.1mm PIN, CHASSIS MOUNTED	.74	.49	.45	CALL FOR QUOTE
16PJ221	21	2.5mm PIN MOLDED, CHASSIS MTD.	.48	.32	.29	CALL FOR QUOTE
16PJ222	21	2.1mm PIN MOLDED, CHASSIS MTD.	.48	.32	.29	CALL FOR QUOTE
16PJ723	21	2.1mm PIN MOLDED CHASSIS	.40	.26	.24	CALL FOR QUOTE
16PJ200	22	MICRO-MINI, WALKMAN TYPE	.56	.37	.34	CALL FOR QUOTE

### DC POWER JACKS

ME171-4263	23	2.1mm METAL COAXIAL, CHASSIS MOUNT	1.57	1.31	1.19	CALL FOR QUOTE
ME171-4255	23	2.5mm METAL COAXIAL, CHASSIS MOUNT	1.57	1.31	1.19	CALL FOR QUOTE

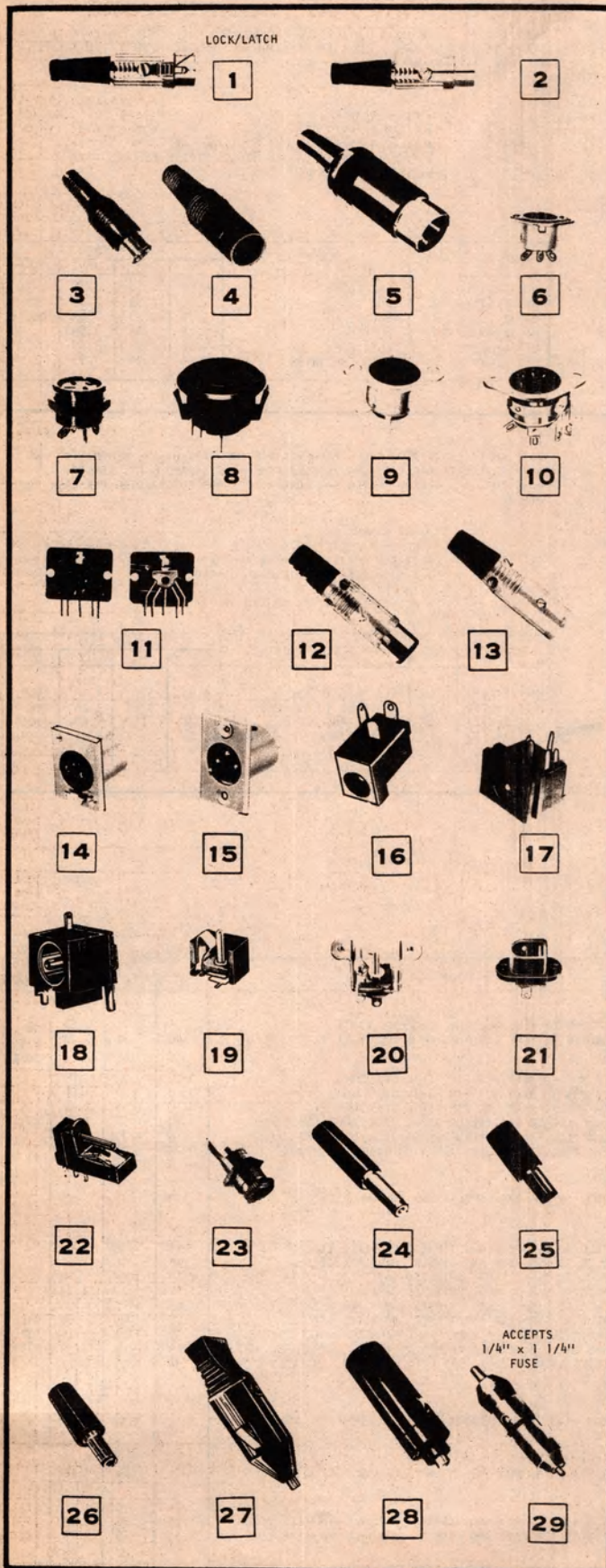
### DC POWER PLUGS (SOLDER TERMINALS)

17PP049	24	BARREL 2.1mm X .55"	.58	.39	.35	CALL FOR QUOTE
17PP109	24	BARREL 2.5mm X .55"	.58	.39	.35	CALL FOR QUOTE
17PP070	25	BARREL 2.5mm X .37"	.49	.33	.30	CALL FOR QUOTE
17PP122	25	BARREL 2.1mm X .37"	.50	.33	.30	CALL FOR QUOTE
17PP200	26	MICRO-MINI, WALKMAN TYPE	.62	.42	.38	CALL FOR QUOTE

### AUTO POWER DC PLUGS

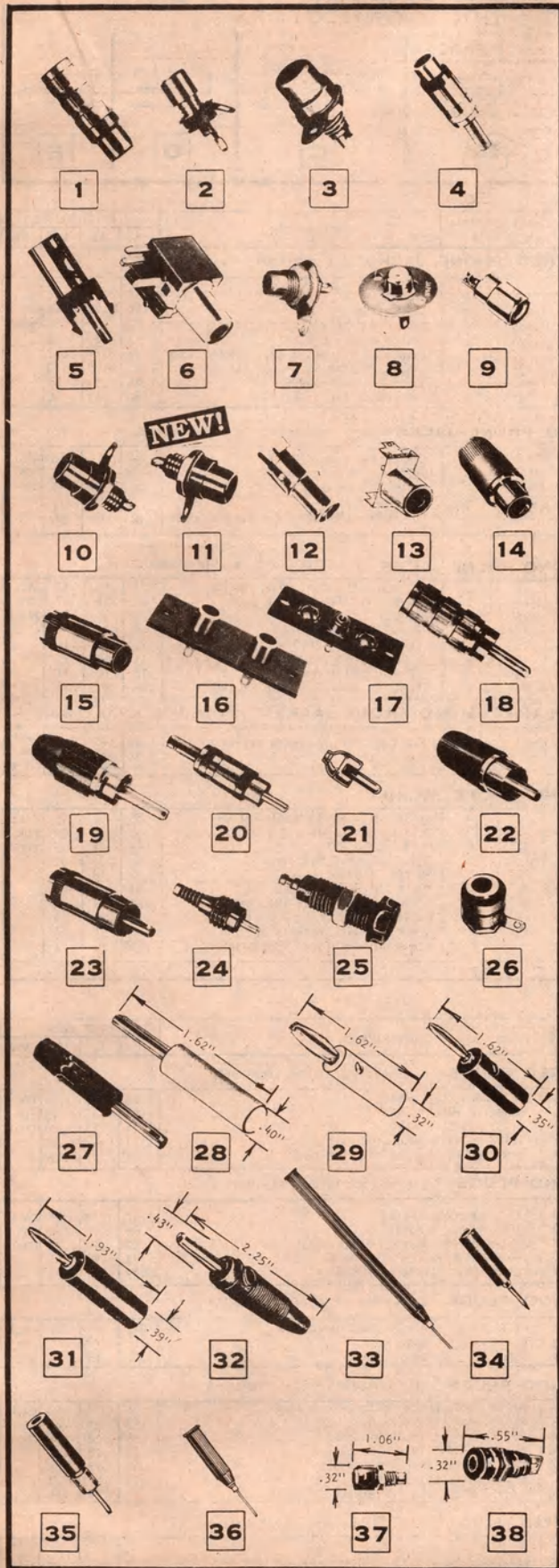
- PLUG DIRECTLY INTO CIGARETTE LIGHTER

17PC601	27	BLACK PLASTIC, SOLDER TYPE	.60	.50	.45	CALL FOR QUOTE
17PP078	28	UNSCREWS FOR EASY SOLDERING	.92	.71	.64	CALL FOR QUOTE
17PP002	29	CASE UNSCREWS TO ACCEPT SINGLE FUSE SIZES 1/4" x 1" AND 1/4" x 1-1/4"	1.28	.98	.90	CALL FOR QUOTE





# MOUSER® Jacks & Plugs



## AUDIO PHONO CONNECTORS

STOCK NO.	FIG	DESCRIPTION	PRICE EACH			
			1	10	100	500

**HI-REL RCA PHONO JACKS**

ME164-4214	1	SHIELDED IN-LINE JACK	1.65	1.27	1.15	CALL FOR QUOTE
ME164-4215	2	SHIELDED CHASSIS JACK	1.14	.88	.80	
ME161-4202	3	JACK, BRASS. GOLD CONTACTS	1.49	1.24	1.13	
ME161-4201	4	IN-LINE BRASS, W/SPRING. GOLD CONTACTS	1.86	1.55	1.41	

**STANDARD RCA PHONO JACKS**

16PJ040	5	SNAP-IN PC MOUNT	.63	.41	.38	CALL FOR QUOTE
16PJ396	6	PC MOUNT WITH SWITCH	.93	.72	.65	
16PJ097	6	PC MOUNT JACK (NON-SWITCHED)	.59	.42	.39	
16PJ035	7	REAR MOUNTING, CHASSIS JACK	.92	.71	.64	
16PJ050	8	MOUNTED ON PHENOLIC DISC, .7" MTG CTR.	.41	.26	.24	
16PJ051	9	PIN JACK PRESS-IN MOUNTING	.43	.22	.20	
16PJ052	10	BLACK, .250" CHASSIS MOUNT	.53	.36	.32	
ME161-2001	11	GREEN, .250" INSULATED, CHASSIS MOUNT	.69	.47	.43	
ME161-2002	11	RED, .250" INSULATED, CHASSIS MOUNT	.69	.47	.43	
ME161-2003	11	BLACK, .250" INSULATED, CHASSIS MOUNT	.69	.47	.43	
16PJ092	12	JACK FOR PRINTED CIRCUIT BOARD	.49	.33	.29	
16PJ063	13	CHASSIS MOUNT	.71	.47	.45	
16PJ103	14	BLACK PLASTIC IN-LINE JACK	.48	.32	.29	
16PJ110	14	RED PLASTIC IN-LINE JACK	.47	.31	.29	
16PJ150	15	SHIELDED IN-LINE JACK	.56	.38	.35	
16PJ512	16	DOUBLE RCA JACK	.59	.39	.36	CALL FOR QUOTE
16PJ514	16	QUADRUPLE RCA JACK	.87	.67	.61	
16PJ612	17	2 SCREW TERMINALS AND 1 RCA PHONO JACK	.64	.42	.39	

**HI-REL RCA PHONO PLUGS** • PATENTED SPRING ACTION ENSURES POSITIVE CONNECTION WITH ANY MAKE OF PHONO SOCKET.

17HR581	18	SHIELDED PHONO PLUG	1.95	1.50	1.36	CALL FOR QUOTE
17HR881	19	UNSHIELDED PHONO PLUG	1.18	.91	.83	
ME171-4202	20	BRASS, W/SPRING. GOLD CONTACTS	1.86	1.55	1.41	

**STANDARD RCA PHONO PLUGS**

17PP050	21	UNINSULATED	.15	.12	.11	CALL FOR QUOTE
17PP051	22	RED PLASTIC INSULATOR	.42	.28	.26	
17PP052	22	BLACK PLASTIC INSULATOR	.42	.28	.26	
17PP058	23	SHIELDED PLUG	.54	.36	.33	
17PP077	24	MOLDED VINYL w/STRAIN RELIEF BLACK	.35	.22	.20	
17PP079	24	MOLDED VINYL w/STRAIN RELIEF RED	.36	.24	.22	

## BANANA JACKS AND PLUGS

STOCK NO.	FIG	DESCRIPTION	PRICE EACH			
			1	10	100	500

**HI-REL BANANA JACKS** • POSITIVE ACTION CONNECTION

ME164-6216	25	BANANA, BLACK	.48	.37	.34	CALL FOR QUOTE
ME164-6217	25	BANANA, RED	.48	.37	.34	

**STANDARD BANANA JACKS**

16BJ381	26	BANANA, CHASSIS MT, RED	.49	.33	.30	CALL FOR QUOTE
16BJ382	26	BANANA, CHASSIS MT, BLACK	.49	.33	.30	

**HI-REL BANANA PLUGS** • POSITIVE SPRING ACTION ENSURES CONNECTION

17HR549	27	RED PLASTIC INSULATOR	.53	.41	.37	CALL FOR QUOTE
17HR550	27	BLACK PLASTIC INSULATOR	.53	.41	.37	
17HR556	27	CLEAR PLASTIC, FUSED BANANA PLUG ACCEPTS MIDGET FUSES (5mm X 20mm)	.92	.69	.64	

**HI-REL BANANA PLUGS**  
THESE HIGH RELIABILITY BANANA PLUGS FIT ALL STANDARD BANANA JACKS AND ARE INTER-CHANGEABLE WITH ALL STANDARD BANANA PLUGS. THESE PLUGS ARE AVAILABLE IN A VARIETY OF STYLES AND SIZES TO MEET ALL KINDS OF INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.

STOCK NO.	FIG	DESCRIPTION	PRICE EACH				
			1	10	100	500	1000

ME174-444R	28	INSULATED SLOTTED PLUG, RED	.51	.33	.30	.24	CALL FOR QUOTE
ME174-444B	28	INSULATED SLOTTED PLUG, BLACK	.44	.29	.26	.24	
ME174-446R	29	RIVETED SPRING W/ SCREW PLUG, RED	.53	.35	.32	.29	
ME174-446B	29	RIVETED SPRING W/ SCREW PLUG, BLACK	.53	.35	.32	.29	
ME174-447B	30	SOFT SPRING W/ SCREW, BLACK	.32	.21	.19	.17	
ME174-448R	31	INSULATED, SOFT SPRING PLUG, RED	.51	.33	.30	.24	
ME174-448B	31	INSULATED, SOFT SPRING PLUG, BLACK	.51	.33	.30	.24	
ME174-449R	32	INSERTED SPRING W/ .16" HOLE PLUG, RED	.87	.67	.61	.55	
ME174-449B	32	INSERTED SPRING W/ .16" HOLE PLUG, BLACK	.87	.67	.61	.55	

## STANDARD PIN AND TEST PROD

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500

17PRI21	33	TEST PROD SOLDER RED PLASTIC HANDLE	.69	.47	.43	CALL FOR QUOTE
17PRI22	33	TEST PROD SOLDER BLACK PLASTIC HANDLE	.69	.47	.43	
17PRI11	34	PIN PLUG SOLDER RED PLASTIC HANDLE	.44	.29	.27	
17PRI12	34	PIN PLUG SOLDER BLACK PLASTIC HANDLE	.42	.29	.27	
17PRI31	35	PIN PLUG SOLDERLESS RED PLASTIC HANDLE	.71	.52	.47	
17PRI32	35	PIN PLUG SOLDERLESS BLACK PLASTIC HANDLE	.71	.52	.47	
17PRO10	36	PIN PLUG SOLDER RED PLASTIC HANDLE	.66	.43	.39	
17PRO11	36	PIN PLUG SOLDER BLACK PLASTIC HANDLE	.66	.43	.39	

**HI-REL TIP JACKS**

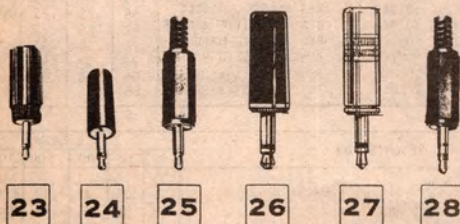
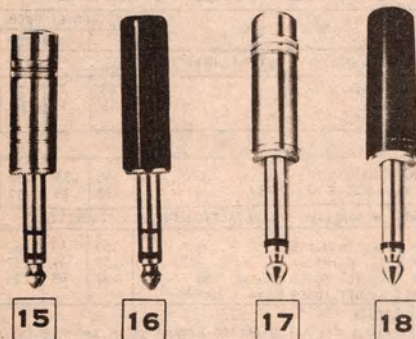
STOCK NO.	FIG	DESCRIPTION	PRICE EACH				
			1	10	100	500	1000

ME164-401R	37	TIP JACK W/ INSULATING CAP, PED	.35	.23	.21	.19	CALL FOR QUOTE
ME164-401B	37	TIP JACK W/ INSULATING CAP, BLACK	.35	.23	.21	.19	
ME164-405R	38	BANANA JACK, RED	.53	.35	.32	.29	
ME164-405B	38	BANANA JACK, BLACK	.53	.35	.32	.29	

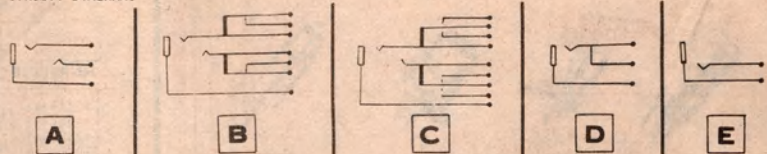
"WE STOCK"



# MOUSER® Phone Jacks & Phone Plugs



## CIRCUIT DIAGRAMS



## JACKS

STOCK NO.	FIG	MTG. HOLE	CIRCUIT DIA.	DESCRIPTION	PRICE EACH			
					1	10	100	500
1/4" STEREO PHONE JACKS ( 3 CONDUCTOR ) • WITH HARDWARE								
16PJ080	1	.375"	A	3-COND, OPEN	.92	.71	.64	CALL FOR QUOTE
16PJ081	2	.375"	A	3-COND, OPEN	.80	.69	.62	
16PJ083	2	.375"	B	2-SPST NORMALLY CLOSED	1.23	.94	.86	
16PJ084	2	.375"	C	2-SPDT CLOSED CIRCUIT	1.49	1.24	1.13	
16PJ086	2	.375"	B	INSULATED BUSHING 2-SPST NORM/CLOSED	1.38	1.06	.97	
16PJ087	2	.475"	C	INSULATED BUSHING 2-SPDT CLOSED	1.58	1.31	1.19	
16PJ226	3	----	A	BLACK PLASTIC HANDLE	.94	.73	.66	
16PJ509	4	.450"	A	PCB MOUNT, FULLY ENCLOSED	.80	.62	.56	

## 1/4" MONO PHONE JACKS (2 CONDUCTOR) • WITH HARDWARE

16PJ020	5	.375"	D	NORM CLOSED CONTACT	.76	.59	.53	CALL FOR QUOTE
16PJ023	2	.375"	E	MOLDED, OPEN	.77	.59	.54	
16PJ022	6	.375"	E	WITHOUT SWITCH	.68	.45	.41	
16PJ085	2	.475"	D	WITH SWITCH	1.07	.83	.75	
16PJ500	4	.450"	D	PCB MOUNT WITH SWITCH, FULLY ENCLOSED	.80	.62	.56	

## 2.5mm MONO PHONE JACKS (2 CONDUCTOR) • WITH HARDWARE

ME164-1012	8	.10"	D	HI-REL WITH NORM CLOSED SWITCH	.72	.56	.51	CALL FOR QUOTE
16PJ090	7	----	D	MOLDED PLASTIC BODY, CLOSED	.61	.40	.37	
16PJ100	8	.16"	D	CLOSED	.47	.31	.29	
16PJ105	3	----	E	BLACK BAKELITE HANDLE	.46	.31	.29	
16PJ125	9	.16"	D	CLOSED, BLACK MOLDED PLASTIC	.22	.18	.14	
16PJ126	10	.16"	D	FULLY CLOSED, CLOSED	.31	.24	.20	
16PJ128	9	.16"	D	CLOSED, WHITE MOLDED PLASTIC	.18	.14	.11	
16PJ227	11	----	E	BLACK PLASTIC w/STRAIN RELIEF	.46	.30	.28	

## 3.5mm MINIATURE STEREO PHONE JACKS (3 CONDUCTOR) • WITH HARDWARE

16PJ106	11	----	A	BLACK PLASTIC w/STRAIN RELIEF	1.06	.82	.74	CALL
16PJ108	12	----	A	PCB MOUNTING	1.25	.95	.88	FOR QUOTE

## 3.5mm MONO PHONE JACKS

ME164-1010	8	.25"	D	HI-REL WITH NORM CLOSED SWITCH	.85	.65	.59	CALL
16PJ011	13	.25"	D	CLOSED, KNURLNUT	.52	.35	.31	FOR
16PJ012	13	.25"	D	CLOSED, HEX NUT	.56	.38	.35	QUOTE
16PJ119	3	----	E	BLACK BAKELITE "US" TYPE	.53	.35	.32	
16PJ135	9	.25"	D	MOLDED, CLOSED	.22	.18	.14	
16PJ136	10	.25"	D	FULLY ENCLOSED, CLOSED	.31	.24	.20	
16PJ137	9	.25"	D	SPRING LOADED SWITCHING CONTACT	.21	.17	.13	
16PJ138	9	.25"	D	ECONOMY TYPE, BLACK PLASTIC	.23	.18	.14	
16PJ225	11	----	E	BLACK PLASTIC w/STRAIN RELIEF	.80	.61	.56	
16PJ528	14	----	D	PCB MOUNT w/SWITCH, FULLY ENC.	.40	.26	.24	

## PLUGS

STOCK NO.	FIG	DESCRIPTION	PRICE EACH			
			1	10	100	500

## 1/4" STEREO PLUGS (3 CONDUCTOR, SOLDER TERMINALS)

17PP054	15	METAL SHIELDED HANDLE	1.66	1.37	1.24	CALL
17PP055	16	BAKELITE HANDLE, RED	1.08	.83	.75	FOR
17PP071	20	RIGHT ANGLE, STEREO	1.14	.88	.80	QUOTE
17PP080	16	BLACK PLASTIC INSULATOR HANDLE	.71	.57	.45	
17PP108	21	DESIGNED FOR MOLDED APPLICATIONS	.53	.41	.37	

## 1/4" MONO PLUGS (2 CONDUCTOR, SOLDER TERMINALS)

17PP056	17	METAL SHIELDED HANDLE	1.32	1.10	.98	CALL
17PP057	19	RIGHT ANGLE, PLASTIC	.86	.66	.60	FOR
17PP107	22	DESIGNED FOR MOLDED APPLICATIONS	.31	.26	.24	QUOTE
17PP201	18	RED PLASTIC INSULATOR HANDLE	.73	.49	.45	
17PP202	18	BLACK PLASTIC INSULATOR HANDLE	.73	.49	.45	

## 2.5mm MONO PLUGS (2 CONDUCTOR, SOLDER TERMINALS)

ME174-2213	24	HI-REL WITH BLACK PLASTIC INSULATOR	.83	.64	.59	CALL
17PP053	23	BLACK PLASTIC HANDLE	.36	.27	.24	FOR
17PP095	24	BLACK PLASTIC INSULATOR	.29	.23	.21	QUOTE

## 3.5mm MONO PLUGS (2 CONDUCTOR, SOLDER TERMINALS)

ME174-3211	23	HI-REL WITH BLACK PLASTIC INSULATOR	.76	.59	.53	CALL
17PP047	25	BLACK PLASTIC w/STRAIN RELIEF	.43	.29	.26	FOR
17PP101	26	RED PLASTIC INSULATOR HANDLE	.35	.28	.25	QUOTE
17PP102	26	BLACK PLASTIC INSULATOR HANDLE	.37	.28	.25	
17PP103	26	GREY PLASTIC INSULATOR HANDLE	.35	.28	.25	
17PP104	27	METAL SHIELDED HANDLE	.74	.55	.50	
17PP105	26	HI-REL BLACK PLASTIC HANDLE	.57	.38	.34	

## 3.5mm STEREO PLUG (3 CONDUCTOR, SOLDER TERMINALS)

17PP004	28	STEREO BLACK PLASTIC w/STRAIN RELIEF	.74	.53	.48	CALL FOR QUOTE
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# MOUSER<sup>®</sup> Mono and Stereo Plugs and Jacks

## STEREO PLUGS AND JACKS

### 1/4" STEREO PHONE PLUGS

#### • BUILT IN STRAIN RELIEF

- THREE COLORS: RED, BLACK, OR GRAY
- METAL SHIELDED OR PHENOLIC RESIN BODY
- 3 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME171-1300	1	METAL BODY W/RED STRAIN RELIEF	1.24	1.04	.94	CALL FOR QUOTE
ME171-1301	1	METAL BODY W/BLACK STRAIN RELIEF	1.24	1.04	.94	CALL FOR QUOTE
ME171-1302	1	METAL BODY W/GRAY STRAIN RELIEF	1.24	1.04	.94	CALL FOR QUOTE
ME171-1303	2	PHENOLIC RESIN BODY, RED	.89	.79	.69	CALL FOR QUOTE
ME171-1304	2	PHENOLIC RESIN BODY, BLACK	.89	.79	.69	CALL FOR QUOTE
ME171-1305	2	PHENOLIC RESIN BODY, GRAY	.89	.79	.69	CALL FOR QUOTE

### 3.5mm STEREO PHONE PLUGS

#### • BUILT IN STRAIN RELIEF

- METAL SHIELDED BODY
- 3 CONDUCTOR, SOLDER TERMINALS
- BLACK STRAIN RELIEF

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME171-3300	3	METAL BODY W/PHENOLIC RESIN INNER SHIELD	.94	.76	.69	CALL FOR QUOTE
ME171-3301	4	METAL BODY W/METAL INNER SHIELD	.99	.80	.73	CALL FOR QUOTE

### 1/4" STEREO PHONE JACKS

#### • BUILT IN STRAIN RELIEF

- METAL SHIELDED OR PHENOLIC RESIN BODY
- 3 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME161-1300	5	METAL BODY W/BLACK STRAIN RELIEF	1.54	1.29	1.17	CALL FOR QUOTE
ME161-1303	6	PHENOLIC RESIN BODY, BLACK	.73	.56	.51	CALL FOR QUOTE

### 3.5mm STEREO JACKS

#### • BUILT IN STRAIN RELIEF

- METAL INNER SHIELD AND BODY
- 3 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME161-3300	7	METAL BODY W/BLACK STRAIN RELIEF	.85	.58	.51	CALL FOR QUOTE

## MONO PLUGS AND JACKS

### 1/4" MONO PHONE PLUGS

#### • BUILT IN STRAIN RELIEF

- THREE COLORS: RED, BLACK, OR GRAY
- METAL SHIELDED OR PHENOLIC RESIN BODY
- 2 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME171-1200	8	METAL BODY W/RED STRAIN RELIEF	1.12	.86	.78	CALL FOR QUOTE
ME171-1201	8	METAL BODY W/BLACK STRAIN RELIEF	1.12	.86	.78	CALL FOR QUOTE
ME171-1202	8	METAL BODY W/GRAY STRAIN RELIEF	1.12	.86	.78	CALL FOR QUOTE
ME171-1203	9	PHENOLIC RESIN BODY, RED	.65	.44	.36	CALL FOR QUOTE
ME171-1204	9	PHENOLIC RESIN BODY, BLACK	.65	.44	.36	CALL FOR QUOTE
ME171-1205	9	PHENOLIC RESIN BODY, GRAY	.65	.44	.36	CALL FOR QUOTE

### 3.5mm MONO PHONE PLUG

#### • BUILT IN STRAIN RELIEF

- HOLDS IN PLACE WITH SPECIAL DETENT ON TIP
- FITS ALL STANDARD JACKS
- METAL SHIELDED BODY
- 2 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME171-3201	10	METAL BODY W/BLACK STRAIN RELIEF	.75	.49	.46	CALL FOR QUOTE

### 3.5mm MONO PHONE JACK

#### • BUILT IN STRAIN RELIEF

- METAL SHIELDED BODY
- 2 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME171-3200	11	METAL BODY W/BLACK STRAIN RELIEF	.75	.49	.46	CALL FOR QUOTE

### 1/4" MONO PHONE JACKS

#### • BUILT IN STRAIN RELIEF

- METAL SHIELDED OR PHENOLIC RESIN BODY
- 2 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME161-1200	12	METAL BODY W/BLACK STRAIN RELIEF	1.27	.99	.89	CALL FOR QUOTE
ME161-1203	13	PHENOLIC RESIN BODY, BLACK	.62	.41	.38	CALL FOR QUOTE

### 3.5mm MONO JACK

#### • BUILT IN STRAIN RELIEF

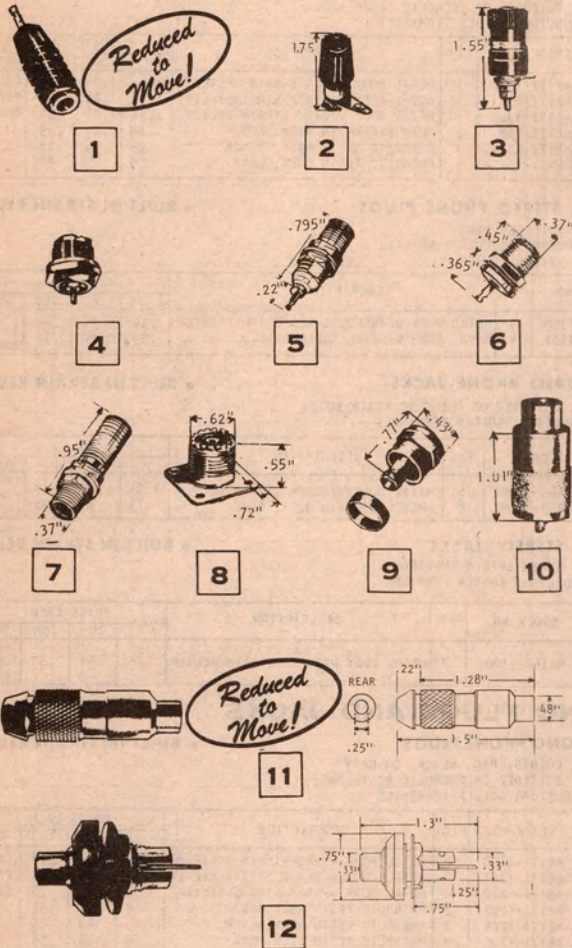
- SPECIAL DETENT FOR LOCKING PLUGS
- FITS STANDARD OR LOCKING TYPE PLUGS
- METAL INNER SHIELD AND BODY
- 2 CONDUCTOR, SOLDER TERMINALS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME161-3200	14	METAL BODY W/BLACK STRAIN RELIEF	.66	.51	.46	CALL FOR QUOTE



# Jack & Plug Connectors

(DIMENSION IN INCHES)



## MOUSER® JACKS AND PLUGS

### ADAPTER PLUGS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
17AP153	1	2.5mm PLUG TO 1/4" PHONE JACKS	.79	.66	.59	CALL FOR QUOTE
17AP156	1	3.5mm PLUG TO RCA PHONO JACK	.84	.72	.64	CALL FOR QUOTE

### BINDING POSTS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
16TP401	2	SMALL BINDING POST, RED	.45	.39	.36	CALL FOR QUOTE
16TP405	3	LARGE BINDING POST, INSUL., RED	.79	.64	.59	CALL FOR QUOTE
16TP406	3	LARGE BINDING POST, INSUL., BLACK	.79	.64	.59	CALL FOR QUOTE

### R.F. CONNECTORS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
16PJ104	4	MATES w/STANDARD PL-259 PLUG	1.68	1.39	1.27	CALL FOR QUOTE
16SF1.1	5	CATV, FRONT MT. .380" MTG HOLE	.71	.59	.45	CALL FOR QUOTE
16SF062	6	CATV, REAR MT. .380" MTG HOLE	.63	.48	.44	CALL FOR QUOTE
16SF081	7	MATV/CATV, THRU-CHASSIS .38" MTG HOLE	.76	.63	.58	CALL FOR QUOTE
16S0239	8	SO-239-CHASSIS CONNECTOR	1.42	1.19	1.05	CALL FOR QUOTE
17PF059	9	MATV/CATV, FOR RG-59/U	.54	.36	.33	CALL FOR QUOTE
17PL259	10	PL-259-CABLE CONNECTOR	1.89	1.53	1.39	CALL FOR QUOTE
17PL260	10	PL-259 FOR RG58	1.77	1.35	1.24	CALL FOR QUOTE

### RCA PHONE JACK IN-LINE

THESE HIGH QUALITY JACKS FOR VIDEO AND COMMUNICATION APPLICATIONS ARE PRECISION MANUFACTURED TO PROVIDE POSITIVE FIRM CONTACT EVEN WHEN SUBJECTED TO CONTINUOUS USE.

- GOLD PLATED CONTACTS
- DESIGNED FOR RG-59 CABLE
- ANODIZED ALUMINUM BODY

STOCK NO.	FIG.	DESCRIPTION	BODY COLOR	PRICE EACH			
				1	10	100	500
ME161-4203	11	RCA PHONE JACK-IN-LINE	GOLD	4.94	4.49	4.11	CALL FOR QUOTE
ME161-4204	11	RCA PHONE JACK IN-LINE	SILVER	3.31	2.99	2.74	CALL FOR QUOTE
ME161-4205	11	RCA PHONE JACK IN-LINE	BLACK	4.36	3.99	3.61	CALL FOR QUOTE

### RCA PHONE JACK

THIS IS OUR HIGH QUALITY JACK FOR ALL RCA PLUGS. IT IS PANEL MOUNTED AND VERY NEAT IN APPEARANCE. MOUNTS IN 13/32" HOLE. NEEDS .85" REAR CLEARANCE. COMES COMPLETE WITH MOUNTING WASHER.

- HIGH QUALITY FOR VIDEO/RF APPLICATIONS
- PANEL MOUNT
- GOLD PLATED CONTACTS

STOCK NO.	FIG.	DESCRIPTION	BODY COLOR	PRICE EACH			
				1	10	100	500
ME161-4206	12	RCA PHONE JACK	RED	6.24	5.28	4.79	CALL FOR QUOTE
ME161-4207	12	RCA PHONE JACK	BLACK	6.24	5.28	4.79	CALL FOR QUOTE

## H.H. SMITH CONNECTORS

### JACKS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
565-205-102	2	INSULATED BANANA JACK, RED	.65	.50	.36	CALL FOR QUOTE
565-205-103	2	INSULATED BANANA JACK, BLACK	.65	.50	.36	CALL FOR QUOTE

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
565-1214	1	RCA DUAL PHONO	.56	.47	.33	CALL FOR QUOTE
565-359-102	3	RIGHT ANGLE TEST JACK, RED L=.130"	.38	.32	.27	CALL FOR QUOTE
565-359-103	3	RIGHT ANGLE TEST JACK, BLACK L=.130"	.35	.32	.27	CALL FOR QUOTE
565-402-102	3	RIGHT ANGLE TEST JACK, RED L=.219"	.41	.34	.27	CALL FOR QUOTE
565-402-103	3	RIGHT ANGLE TEST JACK, BLACK L=.219"	.41	.34	.27	CALL FOR QUOTE

### PLUGS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
534-1600	4	TIP PLUG, UNINSULATED	.07	.05	.047	CALL FOR QUOTE
565-384-102	5	TEST PROD. SOLDERLESS, RED PLASTIC HANDLE	.85	.78	.61	CALL FOR QUOTE
565-384-103	5	TEST PROD. SOLDERLESS, BLACK PLASTIC HANDLE	.85	.78	.61	CALL FOR QUOTE
556-4010	6	Y-ADAPTER RCA PLUG TO 2 RCA JACKS	1.43	1.29	1.14	CALL FOR QUOTE

### BINDING POSTS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
565-899-102	7	NYLON BINDING POST, RED, UL LISTED*	2.33	1.86	1.33	CALL FOR QUOTE
565-899-103	7	NYLON BINDING POST, BLACK, UL LISTED*	2.33	1.86	1.33	CALL FOR QUOTE

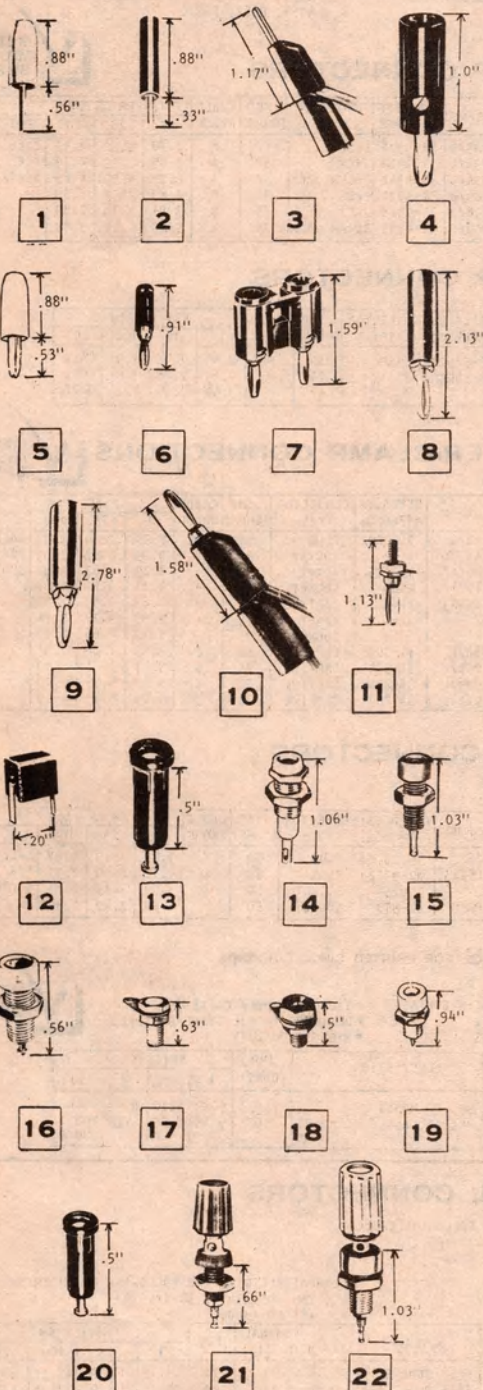
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# E.F. JOHNSON Jacks, Plugs, Binding Posts

## DIMENSIONS IN INCHES



## ASSEMBLY TOOL



CONTENTS: 10 EACH OF 6  
STANDARD COLOR BANANA PLUGS;  
ONE ASSEMBLY TOOL AND AS-  
SEMBLY FIXTURE.

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## TIP PLUGS

STOCK NO.	FIG	COLOR	DESCRIPTION	PRICE EACH			
				1	25	100	500
530-105-0302-1	1	RED	SOLDERLESS TIP PLUG COMPLETELY INSULATED. FITS ALL STANDARD TIP JACKS. CURRENT RATING: 10 AMPS	.62	.52	.43	CALL FOR QUOTE
530-105-0303-1	1	BLACK		.62	.52	.43	
530-105-0772-1	2	RED	SUB-MINIATURE TIP PLUG SOLDER LEAD CONNECTION CURRENT RATING: 5 AMPS	.56	.47	.37	
530-105-0773-1	2	BLACK		.56	.47	.37	
530-105-1202-1	3	RED	STACKING .080 STANDARD TIP PLUGS CURRENT RATING: 10 AMPS.	1.56	1.32	1.07	
530-105-1203-1	3	BLACK		1.56	1.32	1.07	

## BANANA PLUGS

STOCK NO.	FIG	COLOR	DESCRIPTION	PRICE EACH			
				1	25	100	500
530-108-1702-101	4	RED	SIDE SET SCREW 15 AMP @ 50VDC UP TO 16 AWG WIRE NICKEL-SILVER	1.08	.90	.73	CALL FOR QUOTE
530-108-1703-101	4	BLACK		1.08	.90	.73	
530-108-0302-1	5	RED	SOLDERLESS BANANA PLUG. NICKEL-PLATED BRASS. POLYAMIDE SLEEVE. CURRENT RATING: 15 AMPS	.92	.77	.61	
530-108-0303-1	5	BLACK		.92	.77	.61	
530-108-1002-1	6	RED	MINIATURE BANANA PLUG. NICKEL-PLATED POLY- AMIDE SLEEVE. CURRENT RATING: 10 AMPS	1.16	.97	.78	
530-108-1003-1	6	BLACK		1.16	.97	.78	
530-108-0202-1	7	RED	SOLDERLESS CURRENT RATING: 15 AMPS. DUAL BANANA PLUG. MOLDED BODY, NICKEL-PLATED. CAPACITY PLUG TO PLUG: 1.3pF	3.16	2.64	2.14	
530-108-0203-1	7	BLACK		3.16	2.64	2.14	
530-108-0252-1	7	RED	SET SCREW STANDARD INSULATED BANANA PLUG BRASS NICKEL- PLATED BODIES. PLASTIC HANDLE. CURRENT RATING: 15 AMPS	3.94	3.30	2.69	CALL FOR QUOTE
530-108-0253-1	7	BLACK		3.94	3.30	2.69	
530-108-0752-1	8	BLACK	JUMBO INSULATED BANANA PLUG. BRASS NICKEL- PLATED BODIES. PLASTIC HANDLE. CURRENT RATING: 40 AMPS	1.16	.97	.78	
530-108-0752-2	8	RED		1.16	.97	.78	
530-108-0772-1	9	BLACK	STACKING STANDARD BANANA PLUG. CURRENT RATING: 15 AMPS	4.65	3.88	3.14	
530-108-0772-2	9	RED		4.65	3.88	3.14	
530-108-1082-1	10	RED	STANDARD BANANA PLUG. CURRENT RATING: 15 AMPS	1.12	.94	.77	
530-108-1083-1	10	BLACK		1.12	.94	.77	
530-108-0750-1	11		STANDARD BANANA PLUG. CURRENT RATING: 15 AMPS	.98	.82	.67	

## TIP JACKS

STOCK NO.	FIG	COLOR	DESCRIPTION	PRICE EACH			
				1	25	100	500
530-105-1102-1	12	RED	HORIZONTAL JACK. ACCEPTS .080" TIP	.30	.25	.20	CALL FOR QUOTE
530-105-1042-1	13	RED	PRESS-IN TIP JACK. ACCEPTS .080" TIP PLUG. POLY- AMIDE MOLDED BODY. CURRENT RATING: 10 AMPS	.64	.54	.44	
530-105-1043-1	13	BLACK		.64	.54	.44	
530-105-0252-1	14	RED	STANDARD METAL-CLAD TIP JACK. MOLDED BODY, NICKEL PLATED JACKET. CURRENT RATING: 10 AMPS	.72	.60	.50	
530-105-0253-1	14	BLACK		.72	.60	.50	
530-105-0802-1	15	RED	STANDARD TIP JACK. MOLDED BODY. ACCEPTS .080" TIP PLUG. CURRENT RATING: 10 AMPS	.54	.45	.37	
530-105-0803-1	15	BLACK		.54	.45	.37	
530-105-0602-1	16	RED	DELUXE TIP JACK. MOLDED BODY. CURRENT RATING: 10 AMPS	.80	.67	.54	
530-105-0603-1	16	BLACK		.80	.67	.54	

## BANANA JACKS

STOCK NO.	FIG	COLOR	DESCRIPTION	PRICE EACH			
				1	25	100	500
530-108-0740-1	17		STANDARD BANANA JACK. NICKEL-PLATED	.56	.47	.37	CALL FOR QUOTE
530-108-0745-1	18	RED	STANDARD BANANA JACK. NICKEL-PLATED PLASTIC HEAD MOLDED TO BODY	1.12	.94	.75	
530-108-0745-2	18	BLACK		1.12	.94	.75	
530-108-0902-1	19	RED	BANANA JACK. POLYAMIDE INSULATED BODY AC- COMODATES BANANA PLUGS NOMINAL .175" D	.38	.32	.26	
530-108-0903-1	19	BLACK		.38	.32	.26	
530-108-1102-1	20	RED	MINIATURE PRESS-IN BANANA JACK. POLYAMIDE MOLDED BODY. CURRENT RATING 10 AMPS	.42	.35	.29	
530-108-1103-1	20	BLACK		.42	.35	.29	

## BINDING POSTS

STOCK NO.	FIG	COLOR	DESCRIPTION	PRICE EACH			
				1	25	100	500
530-111-0402-1	21	RED	MINIATURE BINDING POS. CURRENT RATING: 15 AMPS. ACCEPTS 530-108-1002-1, 1003-1	2.08	1.74	1.41	CALL FOR QUOTE
530-111-0403-1	21	BLACK		2.08	1.74	1.41	
530-111-0102-1	22	RED	BINDING POST. CURRENT RATING: 15 AMPS	1.36	1.14	.92	
530-111-0103-1	22	BLACK		1.36	1.14	.92	

## TIP PLUG KITS & ASSEMBLY TOOLS

STOCK NO.	FIG	DESCRIPTION	PRICE EACH			
			1	25	100	500
530-108-1299-1	23	STANDARD BANANA PATCHCORD STACKING PLUG ENGINEERING KIT	44.75	43.11	42.23	CALL FOR QUOTE



# MOUSER® Connectors

## HI-REL COAXIAL

- SILVER PLATED CENTER CONTACT
- NICKEL PLATED BODY
- TEFLON INSULATIONS
- SILICON RUBBER GASKETS
- DESIGNED TO MIL STD SPECS
- HIGHEST QUALITY

### CABLE GROUPS TABLE

A = RG59, RG62  
B = RG58, RG141  
C = RG55, RG58, RG141, RG142, RG223  
D = RG59, RG62, RG210



## BNC CRIMP CONNECTORS

STOCK NO.	FIG.	UG-NO	REPLACES AMPHENOL	CONNECTOR TYPE	IMP (OHMS)	CABLE GROUP	PRICE EACH			
							1	25	100	250
ME174-93701N	1	1785/U	31-4326	PLUG	50	A	2.70	2.52	1.99	CALL FOR QUOTE
ME164-93724N	2	1794/U	31-4327	JACK	50	A	3.49	2.79	2.39	FOR QUOTE
ME164-93734N	3	1804/U	31-4342	BULKH JACK	50	A	6.29	4.99	4.09	FOR QUOTE
ME174-93708N	1	1789/U	31-4321	PLUG	75	B	2.89	2.59	1.99	
ME164-93748N	2	1798/U	31-4328	JACK	75	B	3.81	3.18	2.89	
ME164-93753N	3	1808/U	31-4343	BULKH JACK	75	B	5.29	4.19	3.69	

## UHF CRIMP CONNECTORS

STOCK NO.	FIG.	REPLACES AMPHENOL	CONNECTOR TYPE	IMP (OHMS)	CABLE GROUP	PRICE EACH			
						1	25	100	250
ME174-96510N	4	83-58DCP	PLUG	50	A	2.49	2.10	1.91	CALL FOR QUOTE
ME174-96508N	4	83-59DCP	PLUG	75	B	2.49	2.10	1.91	FOR QUOTE
ME164-ED071	5	-	SOCKET	-	-	3.59	2.89	2.36	

## BNC SOLDER/CLAMP CONNECTIONS



STOCK NO.	FIG.	UG-NO	REPLACES AMPHENOL	CONNECTOR TYPE	IMP (OHMS)	CABLE GROUP	PRICE EACH			
							1	25	100	250
ME174-93000N	6	88/U	31-2202	PLUG	50	D	2.99	2.51	2.16	CALL FOR QUOTE
ME164-93032N	7	447/U	-	SOCKET	50	-	3.05	2.47	2.09	
ME164-93076N	8	492A/U	31-105	ADAPT	50	-	8.29	6.63	5.81	
ME164-93094N	9	1094/U	4525	SOCKET	50	-	2.21	1.84	1.67	
ME164-93108N	10	CW123	31-221	CAPTIVE	-	-	1.83	1.53	1.39	
ME164-93081N	8	-	31-6	ADAPT	75	-	4.99	4.17	3.74	
ME164-93143N	9	-	-	SOCKET	75	-	3.19	2.66	2.42	
ME174-93212N	6	88/U	31-301	CAPTIVE	50	C	2.83	2.36	2.15	
ME174-93232N	6	260/U	31-304	CAPTIVE	75	D	3.41	2.75	2.47	
ME164-CBN6/5A	11	909/U	31-206	CAPTIVE	50	C	5.99	4.79	4.29	
ME164-CBN6/7A	11	910/U	31-207	CAPTIVE	75	D	5.99	4.79	4.29	

## N SERIES CONNECTORS

- CAPTIVE CONTACT

STOCK NO.	FIG.	UG-NO	REPLACES AMPHENOL	CONNECTOR TYPE	IMP (OHMS)	CABLE GROUP	PRICE EACH			
							1	25	100	250
ME174-95130N	12	536/U	34025	PLUG	50	C	3.99	3.19	2.87	CALL FOR QUOTE
ME174-95043N	12	1185A/U	82-3312	PLUG	50	D	3.72	2.90	2.37	FOR QUOTE
ME164-95137N	13	-	35025	SOCKET	50	C	3.99	3.19	2.81	
ME164-95027N	14	58A/U	82-97	SOCKET	50	-	2.99	2.49	1.96	

## BNC JACKS FOR PRINTED CIRCUIT BOARDS

- SILVER PLATED CENTER CONTACT
- NICKEL PLATED BODY
- TEFLON INSULATIONS
- SILICON RUBBER GASKETS
- DESIGNED TO MIL STANDARD SPECS
- HIGHEST QUALITY



STOCK NO.	FIG.	DESCRIPTION	IMP (OHMS)	PRICE EACH			
				1	25	100	250
ME164-93177N	15	BNC PC MOUNT	50	5.39	5.12	4.88	CALL FOR QUOTE
ME164-93178N	16	BNC RT. ANGLE PC MOUNT	50	9.19	8.69	8.28	

## TWINAXIAL CONNECTORS

COMPATIBLE WITH THE FOLLOWING CABLES:

MOUSER NO. 515-8000-12  
CAROL CABLE NO. C8000  
BELDEN NO. 9207

COMPATIBLE WITH THE FOLLOWING COMPUTER SYSTEMS:

IBM NOS. 34, 36, 38 & 5520  
ITT NO. 3480

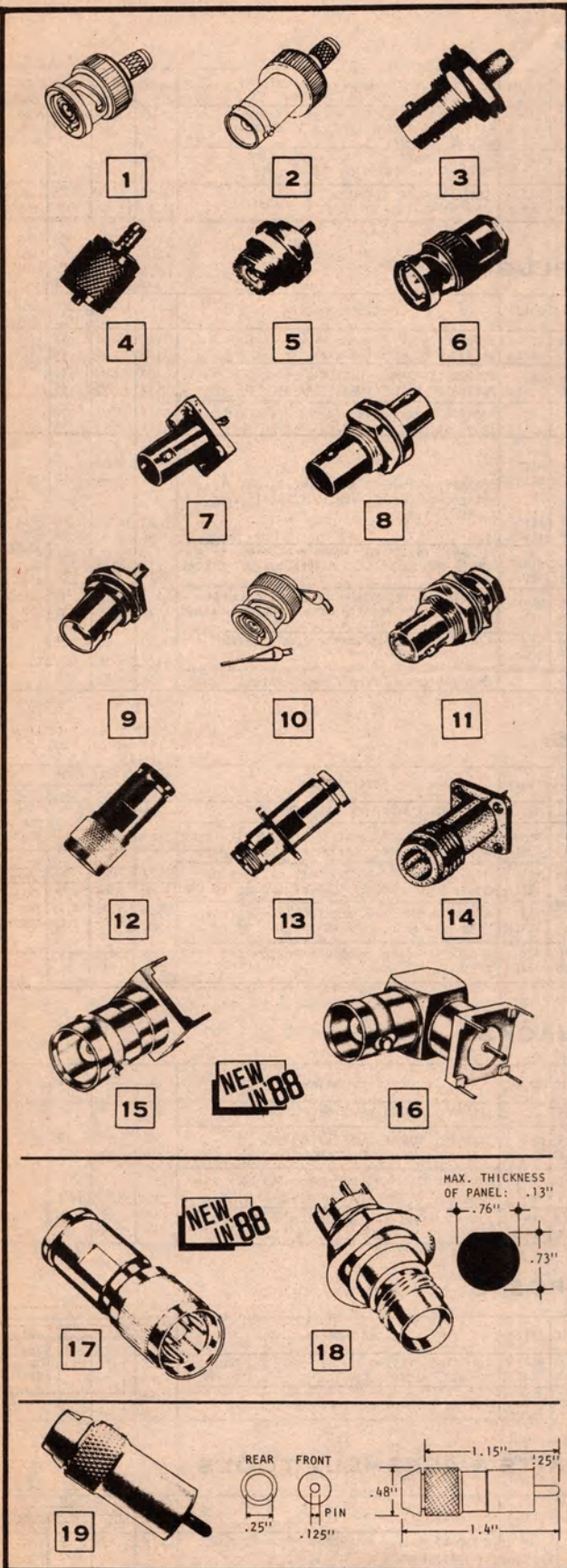
STOCK NO.	FIG.	DESCRIPTION	NOMINAL I.O. (IN.)	AWG	PRICE EACH			
					1	25	100	250
ME164-96063N	17	FREE PLUG SOLDER	.33	20	13.19	12.51	11.91	CALL FOR QUOTE
ME164-96511	17	FREE PLUG CRIMP	.33	20	13.99	13.38	12.75	FOR QUOTE
ME164-96068N	18	BULKHEAD RECEPTACLE	.33	20	19.33	17.58	15.98	

## RCA PHONE PLUG

THESE HIGH QUALITY PLUGS FOR VIDEO AND COMMUNICATION APPLICATIONS ARE PRECISION MANUFACTURED TO PROVIDE POSITIVE FIRM CONTACT EVEN WHEN SUBJECTED TO CONTINUOUS USE.

- GOLD PLATED CONTACTS
- DESIGNED FOR RG-59 CABLE
- ANODIZED ALUMINUM BODY

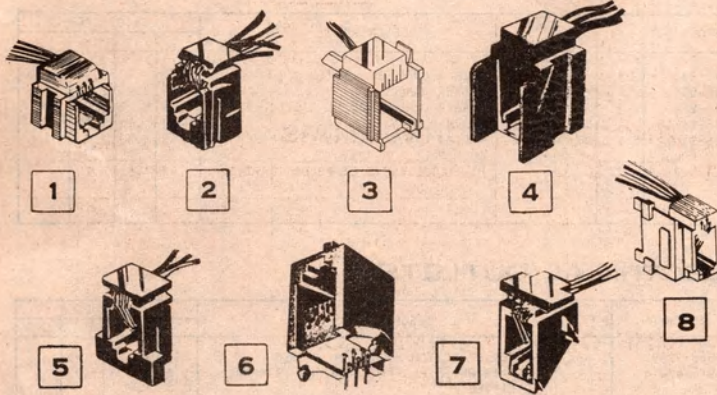
STOCK NO.	FIG.	DESCRIPTION	COLOR	PRICE EACH			
				1	10	100	500
ME171-4203	19	RCA PHONE PLUG	GOLD	6.58	5.48	4.98	CALL FOR QUOTE
ME171-4204	19	RCA PHONE PLUG	SILVER	4.37	3.64	3.31	FOR QUOTE
ME171-4205	19	RCA PHONE PLUG	BLACK	5.82	4.85	4.41	





# MOUSER® Modular Telephone Connectors

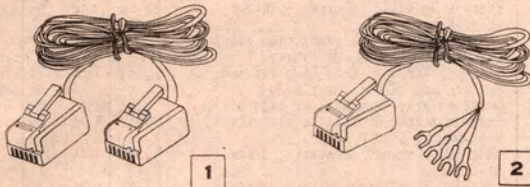
## MODULAR PHONE JACKS



HI-REL PHONE JACKS ARE DESIGNED FOR USE ON ALL TELEPHONE EQUIPMENT TO BE CONNECTED TO TELEPHONE NETWORK. CAN BE MOUNTED TO PC BOARD OR PANEL MOUNT. CONTACTS ARE GOLD PLATED. WIRE IS PVC INSULATED, COLOR-CODED, 4" STRIPPED AND TINNED. BODY IS CYCLOC ABS.

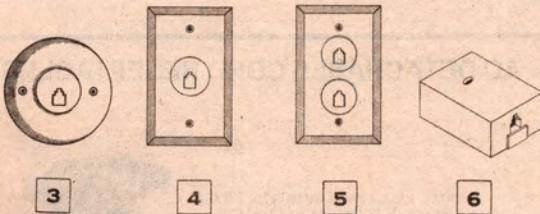
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
STANDARD TYPE - 6 POSITION						CALL FOR QUOTE
16HK623	1	4 PIN	1.39	1.15	.95	
16HK633	1	6 PIN	1.42	1.17	.97	
ME154-623P6-4P	2	4 PIN, 4" LEADS	1.39	1.15	.95	
ME154-623T-4P	3	4 PIN, 4" LEADS	.69	.59	.49	
HANDSET TYPE - 4 POSITION						CALL FOR QUOTE
ME154-616M-4P	4	4 PIN, 4" LEADS	1.39	1.15	.95	
ME154-616B-4P	5	4 PIN, 4" LEADS	1.39	1.15	.95	
ME154-616TP-4P	6	4 PIN, PC MOUNT	1.39	1.15	.95	
ME154-616W-4P	7	4 PIN, 4" LEADS	1.39	1.15	.95	
16HK616	8	4 PIN, 4" LEADS	1.39	1.15	.95	

## MODULAR PHONE ACCESSORIES



### PHONE CABLES

STOCK NO.	FIG.	LENGTH	DESCRIPTION	PRICE EACH			
				1	10	100	500
17MP007	1	7'	MODULAR PLUG TO MODULAR PLUG	2.09	1.60	1.46	CALL FOR QUOTE
17MP015	1	15'	MODULAR PLUG TO MODULAR PLUG	2.65	2.03	1.85	
17MP025	1	25'	MODULAR PLUG TO MODULAR PLUG	3.59	2.76	2.52	
17MP107	2	7'	MODULAR PLUG TO 4 SPADE TIPS	.94	.84	.74	



- CONTACTS: 30 MICRO INCH GOLD PLATED-PHOSPHOR BRONZE
- LEADS: 26AWG, 7 STRAND
- HOUSING MATERIAL: ABS AND POLY CARBONATE
- JACKET INSULATION: PVC

- 4-CONDUCTOR, COLOR-CODED WIRING
- STANDARD 4-PRONG PLUG
- IVORY COLOR

### PHONE JACKS

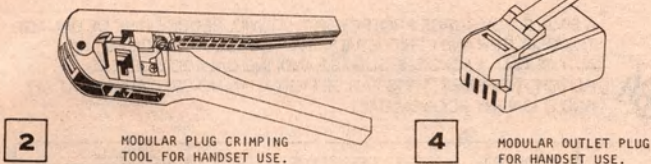
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
16MP001	3	ROUND WALL COVER	2.49	1.99	1.79	CALL FOR QUOTE
16MP002	4	SQUARE WALL COVER	3.99	3.06	2.79	
16MP003	5	DUAL JACK WALL COVER	2.99	2.29	2.09	
16MP004	6	SURFACE MOUNT JACK	3.99	3.06	2.79	

## MODULAR TELEPHONE CRIMPING TOOLS AND PLUGS



MODULAR PLUG CRIMPING TOOL FOR PRE-WIRE USES.

MODULAR OUTLET PLUG FOR PRE-WIRE USES.



MODULAR PLUG CRIMPING TOOL FOR HANDSET USE.

MODULAR OUTLET PLUG FOR HANDSET USE.

### FEATURES

- DURABLE, GLASS-FILLED NYLON HANDLES
- BUILT-IN WIRE CUTTER/STRIPPER
- IDEAL FOR USE IN FIELD
- ELIMINATES NEED TO STOCK COMPLETE CORDS & CABLES WITH CONNECTORS ATTACHED
- COMPACT
- LIGHT WEIGHT

### CRIMPING TOOLS

STOCK NO.	FIG.	TYPE OF USE	PRICE EACH		
			1	5	10
ME382-8100	1	PRE-WIRE	7.99	6.99	CALL FOR QUOTE
ME382-8110	2	HANDSET	7.99	6.99	

### MODULAR PLUGS

STOCK NO.	FIG.	TYPE OF USE	PRICE EACH			
			1	100	500	1000
ME174-9401	3	PRE-WIRE	.39	.29	.22	CALL FOR QUOTE
ME174-9402	4	HANDSET	.39	.29	.22	



# AC Power Products

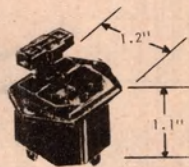
## ELECTRICAL PLUGS

STOCK NO.	FIG.	CORD HOLE	DESCRIPTION	PRICE EACH			
				1	10	100	500
516-140	1	.350"	SLIM RUBBER, UL LISTED	.88	.79	.72	CALL FOR QUOTE
516-203	2	.600"	RUBBER HANDLE CAP	2.74	2.47	2.25	
516-222	3	.600"	RUBBER CONNECTOR, UL LISTED	4.78	4.30	3.92	
516-2121B	4	.438"	HEAVY DUTY VINYL	.51	.46	.42	
516-2867	5	.250" / .685"	YELLOW VINYL, UL LISTED ARMORED CAP	2.59	2.33	2.13	
516-C900B	6	----	PUSH-PULL, 7A-125V	.85	.77	.72	
ME174-760B	7	----	HI-RELIABILITY, 81-POLAR 10A-250V	.48	.32	.29	

## ELECTRICAL OUTLETS

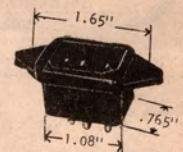
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
565-1299	8	AC TOP OR BOTTOM MOUNT, UL LISTED	.99	.87	.62	CALL FOR QUOTE
516-67W	9	SNAP-IN WHITE PLASTIC STANDARD TERMINALS, UL LISTED	2.64	2.38	2.22	
15AC008	10	METAL CHASSIS MOUNT 6A 125VAC	.75	.49	.45	
15AC035	11	ALL BLACK PLASTIC 15A 125VAC	.58	.39	.35	CALL FOR QUOTE
15AC022	12	AC CHASSIS MOUNTED	.77	.59	.54	
15AC021	13	AC CHASSIS MOUNTING, UL LISTED	.59	.44	.39	
15AC037	14	SNAP-IN MOUNT, 15A 125VAC	.73	.49	.44	
516-49W	15	SNAP IN MIDGET WHITE PLASTIC, UL LISTED	3.35	3.02	2.82	
516-49-2W	15	SNAP IN MIDGET WHITE PLASTIC W/HEAVY WIRE LEADS, UL LISTED	3.19	2.87	2.62	
ME151-0003	16	SNAP-IN MOUNTING, 3 WIRE POLARIZED, AC RECEPTACLE	1.29	.99	.89	
516-67-2W	17	INCLUDES 6" PLASTIC LEADS. TWO #14 AWG, ONE #16 AWG GROUND, UL LISTED	2.28	2.05	1.87	
565-1280-103	18	BLACK 6" PLASTIC LEADS. TWO #14 AWG, ONE #16 AWG GROUND, UL LISTED	2.08	1.82	1.30	
565-1280-101	18	WHITE 6" PLASTIC LEADS, UL LISTED	2.08	1.82	1.30	
565-1283-103	19	SNAP-IN BLACK, 6" PLASTIC WIRE LEADS, #14 AWG, UL LISTED	1.42	1.25	.89	
565-1284-103	19	SNAP-IN 6" SOLDER TERMINALS, BLACK UL LISTED	1.18	1.04	.74	
565-1285-103	19	SNAP-IN, KLIPTITE TERMINALS, BLACK UL LISTED	1.31	1.15	.82	

## MOUSER® AC DETACHABLE CORD RECEPTACLES



• BUILT-IN FUSE HOLDER

A



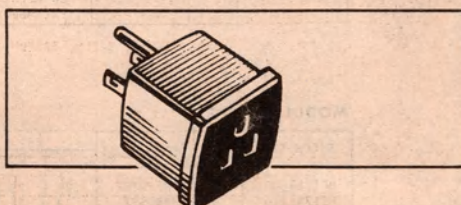
B

- MATES WITH OUR DETACHABLE POWER CORD SETS 557-63101, 557-63121 AND OTHERS. SEE POWER CORD SECTION OF THIS CATALOG.

- MATES TO STANDARD CEE-22 CORD SET
- MATES TO BELDON 17250, 17251
- MATES TO PECO C3120
- MATES TO ELECTRO CORDS E1015, E1024
- 16PJ522 FUSED RECEPTACLE ACCEPTS UP TO 6 AMP MIDGET (5x20MM)

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
16PJ522	A	FUSED CHASSIS	2.89	2.41	2.19	CALL FOR QUOTE
16PJ511	B	STANDARD CHASSIS	1.13	.86	.79	

## ECONOMY SURGE PROTECTOR



NEW IN 88

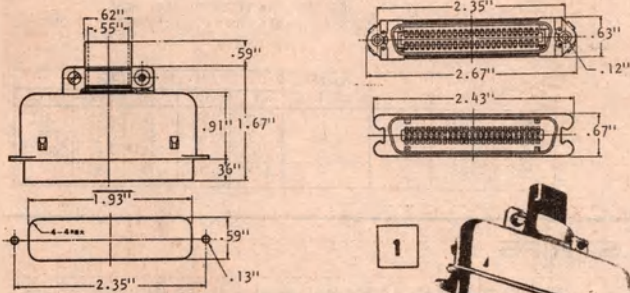
A SIMPLE MOV SURGE PROTECTOR THAT WILL REDUCE RISK OF DAMAGE TO COMPUTER AND PERIPHERALS FROM SURGES AND SPIKES. ALTHOUGH IT LACKS THE SURGE HANDLING CAPACITY OF THE GLITCH GRABBER™ IT IS FAR BETTER THAN NO PROTECTION AT ALL AND IT IS VERY ECONOMICAL.

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	20
524-3301	ECONOMY SURGE PROTECTOR	3.79	3.56	3.44	3.32



# MOUSER® Computer Connectors

## MOUSER® CABLE-TO-PANEL CONNECTORS

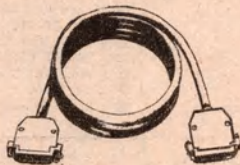


THESE NEW MOUSER CABLE-TO-PANEL CONNECTORS ARE PART OF A TERMINATION SYSTEM THAT PROVIDES AN EASY AND RELIABLE SYSTEM TO USE. THE SOCKET VERSION HAS A SPRING LATCH INCLUDED. EACH HAS A WIDE VARIETY OF INDUSTRIAL, OEM AND CONSUMER USES.

STOCK NO.	FIG.	TYPE	NO. OF PINS	PRICE EACH				
				1	10	25	50	100
ME155-1360	1	PLUG	36	5.22	4.35	3.95	3.59	CALL FOR QUOTE
ME155-2360	2	SOCKET	36	4.48	3.73	3.39	3.09	CALL FOR QUOTE

## MOUSER® COMPUTER CABLE ASSEMBLIES

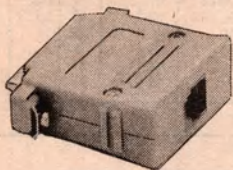
THESE NEW MOUSER COMPUTER CABLE ASSEMBLIES ARE MADE OF DURABLE BRAIDED CABLE CONNECTED TO A 25 PIN CANNIUM PLATED D-SUBMINIATURE CONNECTOR ON EACH END WITH GOLD PLATED CONTACTS. EACH END IS COVERED BY A STRONG INJECTION-MOLDED PVC METALIZED PLASTIC HOOD. EACH ASSEMBLY HAS 10 FEET OF CABLE AND HAS A WIDE VARIETY OF INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.



STOCK NO.	TYPE OF CONNECTIONS	LENGTH OF CABLE	NUMBER OF PINS CONNECTED	PRICE EACH				
				1	5	10	25	50
ME155-0125	MALE TO MALE	10FT.	25	17.99	16.19	14.57	13.11	CALL FOR QUOTE
ME155-1125	MALE TO FEMALE	10FT.	25	17.99	16.19	14.57	13.11	CALL FOR QUOTE

## TELCO® ADAPTORS

NEW IN 88

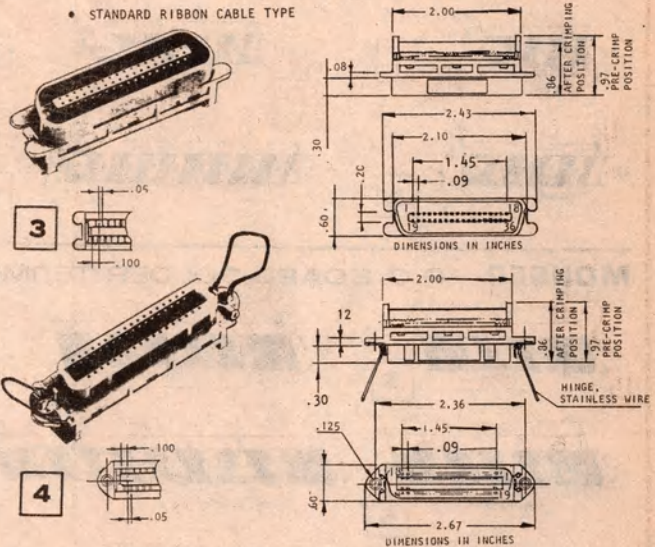


ALLOWS USE OF LOW-COST AND FLEXIBLE 4, 6 OR 8 WIRE TELEPHONE WIRE FOR INTERCONNECTION OF RS-232 DEVICES. CHANGING CABLES OR MOVING EQUIPMENT BECOMES SIMPLE WITH SNAP-IN SNAP-OUT CONNECTORS. USER WIRED (INSTRUCTIONS INCLUDED) ADAPTORS REQUIRE NO SOLDERING.

STOCK NO.	DESCRIPTION	PRICE EACH				
		1	5	10	20	50
524-43-254	4 CONTACT ADAPTOR TO DB-25 CONNECTOR	6.95	6.26	6.05	5.84	CALL FOR QUOTE
524-43-256	6 CONTACT ADAPTOR TO DB-25 CONNECTOR	6.95	6.26	6.05	5.84	CALL FOR QUOTE
524-43-258	8 CONTACT ADAPTOR TO DB-25 CONNECTOR	7.95	7.16	6.92	6.68	CALL FOR QUOTE

## MOUSER® CABLE-TO-PANEL CONNECTORS

• STANDARD RIBBON CABLE TYPE



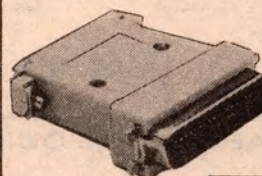
- PARALLEL INTERFACE TYPE
- INSULATION MATERIAL: GLASS REINFORCED THERMOPLASTIC 94V-0
- CONTACT MATERIAL: PHOSPHOR BRONZE
- CONTACT PLATING: GOLD OVER NICKEL
- CURRENT RATING: 1 AMP
- INSULATION RESISTANCE: 10,000 MEG OHMS @ 500 VDC
- TEMPERATURE RATING: -55°C TO +105°C

THESE NEW MOUSER CABLE-TO-PANEL CONNECTORS ARE PART OF A TERMINATION SYSTEM THAT IS BOTH EASY AND RELIABLE TO USE. THE SOCKET VERSION HAS A SPRING LATCH AND BOTH HAVE STRAIN RELIEFS INCLUDED. EACH OF THESE HAS A WIDE VARIETY OF INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.

STOCK NO.	FIG.	TYPE	NO. OF PINS	PRICE EACH				
				1	10	25	50	100
ME155-3360	3	PLUG	36	6.23	5.19	4.72	4.29	CALL FOR QUOTE
ME155-4360	4	SOCKET	36	6.23	5.19	4.72	4.29	CALL FOR QUOTE

## IBM COMPATIBLE PORT ADAPTOR

NEW IN 88



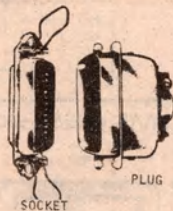
ELIMINATES NEED FOR SPECIAL PRINTER CABLE

ADAPTOR PLUGS INTO "CENTRONICS-TYPE" 36-PIN CONNECTOR ON MOST PARALLEL PRINTERS AND CONVERTS THE CONNECTOR TO A STANDARD 25-PIN "D".

USE WITH MOST PARALLEL PRINTERS INCLUDING ANADIX, BROTHER, C. ITOH, CENTRONICS, EPSON, GEMINI, NEC, RADIO SHACK, TEXAS INSTRUMENTS AND OTHERS.

STOCK NO.	DESCRIPTION	PRICE EACH				
		1	5	10	20	50
524-43-224	PORT ADAPTOR	14.99	13.50	13.05	12.60	CALL FOR QUOTE

## TRW CABLE-TO-PANEL



- PARALLEL INTERFACE TYPE
- LIGHTWEIGHT
- ALUMINUM ALLOY STEEL
- HIGH CONTACT DENSITY
- INSULATOR IS GLASS FILLED THERMOPLASTIC, POLYESTER 94V-0

STOCK NO.	NO. OF CONTACTS	PRICE EACH			
		1	10	50	100
PLUGS					
568-7730140	14	5.53	5.16	4.99	CALL FOR QUOTE
568-7730240	24	6.21	5.82	5.63	
568-7730360	36	7.54	6.81	6.58	
568-7730500	50	8.64	8.10	7.83	
SOCKETS					
566-7740140	14	3.98	3.48	3.36	
566-7740240	24	4.59	4.36	4.16	
568-7740360	36	4.83	4.53	4.38	
568-7740500	50	6.69	6.27	6.06	

## D-SUBMINIATURE CONNECTORS



- .000010" GOLD PLATING
- CONTACTS ARE HIGH PERFORMANCE COPPER ALLOY
- INSULATOR IS BLACK, GLASS FILLED, THERMOPLASTIC POLYESTER.
- UL 94V-0
- MATES WITH STANDARD .050MIL CABLE, TO "D" TYPE CONNECTORS ON .0545 CENTERS
- TERMINATED IN SINGLE OPERATION
- BUILT ON STRAIN RELIEF.

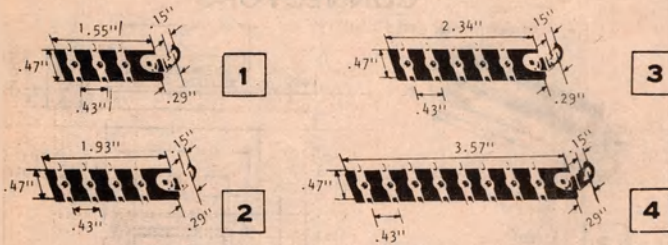
STOCK NO.	DESCRIPTION	PRICE EACH			
		1	50	100	500
544-CA-25SMD-P	PIN (MALE)	4.41	3.81	2.94	CALL FOR QUOTE
544-CA-25SMD-S	SOCKET (FEMALE)	4.77	3.81	3.18	CALL FOR QUOTE

24 YEARS CONTINUOUS CUSTOMER SATISFACTION



# MOUSER® Terminal Strips

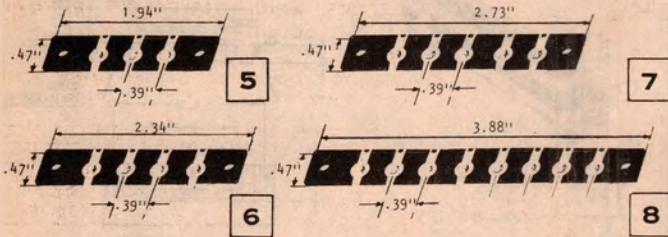
## MOUSER® VERTICAL SOLDER TERMINAL STRIPS



THESE NEW MOUSER VERTICAL SOLDER TERMINAL STRIPS ARE MADE OF SILVER PLATED TAGS THAT ARE MOUNTED ON A PHENOLIC BOARD. THESE STRIPS SAVE SPACE AS THEY CAN BE VERTICALLY MOUNTED. THESE WILL FIT MANY INDUSTRIAL, OEM, AND CONSUMER APPLICATIONS.

STOCK NO.	FIG.	NUMBER OF TAGS	PRICE EACH				
			1	10	100	500	1000
ME153-2203	1	3	.89	.59	.54	.49	CALL FOR QUOTE
ME153-2204	2	4	.83	.64	.58	.53	CALL FOR QUOTE
ME153-2205	3	5	.98	.75	.68	.62	CALL FOR QUOTE
ME153-2208	4	8	1.12	.87	.79	.43	CALL FOR QUOTE

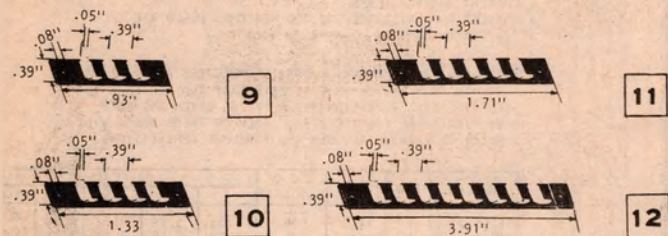
## MOUSER® P.C. BOARD SOLDER TERMINAL STRIPS



THESE NEW MOUSER QUICK DISCONNECT TERMINAL STRIPS ARE MADE OF SILVER PLATED TAGS THAT ARE MOUNTED ON A PHENOLIC BOARD. THESE STRIPS HAVE BLADES THAT CAN BE USED WITH THE ME153-1009 QUICK DISCONNECT RECEPTACLE. THESE STRIPS CAN BE USED IN MANY DIFFERENT INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.

STOCK NO.	FIG.	NUMBER OF TAGS	PRICE EACH				
			1	10	100	500	1000
ME153-2303	5	3	.65	.50	.45	.41	CALL FOR QUOTE
ME153-2304	6	4	.75	.57	.52	.47	CALL FOR QUOTE
ME153-2305	7	5	.87	.67	.61	.55	CALL FOR QUOTE
ME153-2308	8	8	1.30	.99	.91	.83	CALL FOR QUOTE

## MOUSER® QUICK DISCONNECT TERMINAL STRIPS

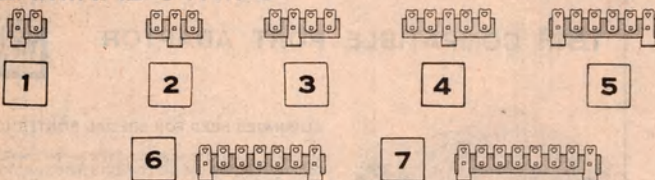


THESE NEW MOUSER PRINTED CIRCUIT BOARD SOLDER TERMINAL STRIPS ARE MADE OF SILVER PLATED TAGS THAT ARE MOUNTED ON A PHENOLIC BOARD. FINALLY SOMEONE HAS COME UP WITH A SOLDER TERMINAL STRIP THAT CAN BE MOUNTED ONTO A PRINTED CIRCUIT BOARD. THESE TERMINAL STRIPS WILL FIT MANY INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.

TERMINAL DIMENSION: .11"x.03"

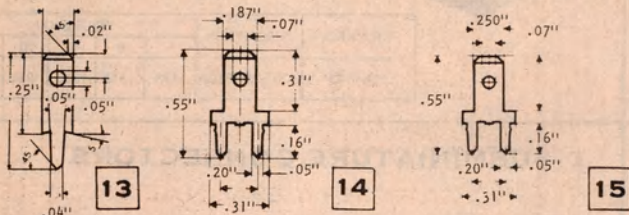
STOCK NO.	FIG.	NUMBER OF TAGS	PRICE EACH				
			1	10	100	500	1000
ME153-2403	9	3	1.31	1.09	.95	.89	CALL FOR QUOTE
ME153-2404	10	4	1.56	1.30	1.18	1.07	CALL FOR QUOTE
ME153-2405	11	5	1.80	1.50	1.36	1.24	CALL FOR QUOTE
ME153-2408	12	8	2.79	2.33	2.12	1.93	CALL FOR QUOTE

## TERMINAL STRIPS



STOCK NO.	FIG.	LUC	DESCRIPTION	PRICE EACH				
				1	10	100	500	1000
15TS002	1	2	LUG: STEEL CADMIUM PLATED STRIP: PHENOLIC .375"x.062" MOUNT: FOR NO. 6 SCREW	.16	.088	.081	CALL FOR QUOTE	CALL FOR QUOTE
15TS003	2	3		.21	.11	.10	CALL FOR QUOTE	CALL FOR QUOTE
15TS004	3	4		.27	.15	.13	CALL FOR QUOTE	CALL FOR QUOTE
15TS005	4	5		.32	.17	.15	CALL FOR QUOTE	CALL FOR QUOTE
15TS006	5	6		.34	.18	.16	CALL FOR QUOTE	CALL FOR QUOTE
15TS007	6	7		.35	.23	.21	CALL FOR QUOTE	CALL FOR QUOTE
15TS008	7	8		.39	.26	.24	CALL FOR QUOTE	CALL FOR QUOTE

## MOUSER® P.C. MOUNTABLE MALE QUICK DISCONNECTS



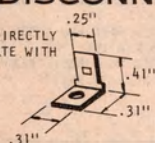
THESE NEW MOUSER MALE QUICK DISCONNECTS NOW FINALLY PROVIDE A SILVER PLATED DISCONNECT THAT IS PRINTED CIRCUIT BOARD MOUNTABLE. THESE MALE QUICK DISCONNECTS MATE WITH STANDARD FEMALE QUICK DISCONNECTS. EACH OF THESE ITEMS HAVE A WIDE VARIETY OF INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.

STOCK NO.	FIG.	SIZE	PRICE EACH				
			1	100	1000	10000	25000
ME153-1006	13	.11"x.03"	.25	.13	.12	.11	CALL FOR QUOTE
ME153-1007	14	.187"x.03"	.16	.079	.071	.065	CALL FOR QUOTE
ME153-1008	15	.250"x.03"	.22	.12	.10	.09	CALL FOR QUOTE

## P.C. BOARD DISCONNECT TAB

THESE PC BOARD TABS MOUNT DIRECTLY TO THE CIRCUIT BOARD AND MATE WITH STANDARD FEMALE CONNECTORS.

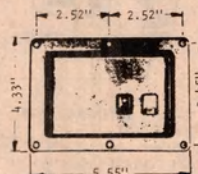
- BRIGHT BRASS PLATE
- MATING TAB PORTION DESIGNED TO NEMA STANDARDS
- TERMINAL DIMENSION: .250"x.03"



STOCK NO.	PRICE EACH			
	5	100	1000	5000
534-1256	.047	.042	.029	CALL FOR QUOTE



## COMPRESSION TERMINAL PANELS



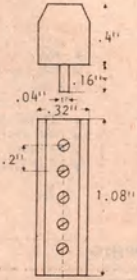
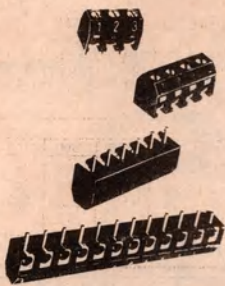
COMPRESSION TERMINALS ARE INSTALLED ON THE MOLDED PLASTIC PANEL WHICH IS RECESSED IN THE CENTER SO THAT THE SPEAKER MAY BE LOCATED FLUSH TO THE TO THE WALL

STOCK NO.	PRICE EACH			
	1	10	50	100
15PA002	2.39	2.09	1.89	CALL FOR QUOTE



# Terminals and Connectors

## MOUSER® ENCLOSED TERMINAL BLOCKS FOR PC MOUNTING



NICKEL PLATED BRASS TERMINALS COMPLETELY SURROUND THE WIRE END, HOLD IT SECURELY IN PLACE, AND ELIMINATE THE NEED FOR LUGS. EACH POSITION IS NUMBERED IN LARGE DIGITS FOR EASY IDENTIFICATION.

### SPECIFICATIONS

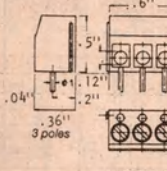
- .200" PIN SPACING
- NOMINAL CURRENT LOAD UP TO 6 AMPS
- HOUSING OF GREY POLYIMID/NYLON FIBRE GLASS REINFORCED
- MAXIMUM TEMPERATURE: +150°C
- LOW PROFILE
- PC MOUNTING PINS
- MEETS VDE0303KA3B STANDARDS
- HIGH GERMAN QUALITY

• ACCEPTS SOLID OR STRANDED WIRE 14AWG TO 22AWG

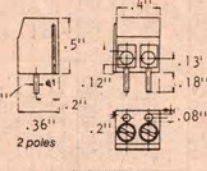
STOCK NO.	POSITIONS	PRICE EACH			
		1	10	100	500
ME153-2002	2	1.11	.85	.77	CALL FOR QUOTE
ME153-2003	3	1.50	1.15	1.05	
ME153-2004	4	1.84	1.54	1.38	
ME153-2005	5	2.08	1.72	1.56	
ME153-2006	6	3.15	2.11	1.93	
ME153-2012	12	3.90	3.32	2.95	

## MOUSER® ENCLOSED TERMINAL BLOCKS

• P.C. MOUNTING



3 POSITION



2 POSITION

• END BUTTABLE WITH INTERLOCKING DOVETAIL

NICKEL PLATED BRASS TERMINALS COMPLETELY SURROUND THE WIRE END, HOLD IT SECURELY IN PLACE, AND ELIMINATE THE NEED FOR LUGS. EACH POSITION IS NUMBERED IN LARGE DIGITS FOR EASY IDENTIFICATION.

### SPECIFICATIONS

- TEST POINT FOR PIN PROBE
- .200" PIN SPACING
- NOMINAL LOAD 13 AMPS AT 250VAC
- HOUSING OF BLACK POLYAMID/NYLON FIBRE GLASS REINFORCED
- TEMPERATURE RANGE: -30°C TO +120°C
- MEETS VDE0303KB380 STANDARDS
- HIGH GERMAN QUALITY

STOCK NO.	POSITIONS	PRICE EACH			
		1	10	100	500
ME153-2102	2	.91	.70	.64	CALL FOR QUOTE
ME153-2103	3	1.24	.99	.92	

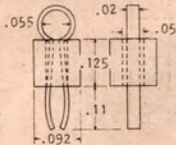
## MOUSER® TEST POINTS

• GLASS INSULATOR

THESE NEW MOUSER PRINTED CIRCUIT BOARD TERMINALS ARE IDEAL FOR USE AS TEST POINTS AND FOR RAISING HOT COMPONENTS ABOVE THE SURFACE OF THE PRINTED CIRCUIT BOARD. WHEN THESE TERMINALS ARE PRESSED THROUGH PLATED HOLES, THE TERMINALS WILL NOT DAMAGE THE PLATING. THE TERMINALS WILL ALSO REMAIN IN PLACE EVEN IF THE BOARD IS REVERSED FOR FLOW SOLDERING.



DIMENSIONS (INCHES)



FOR ORDERING LESS THAN 100 PIECES

STOCK NO.	COLOR	PRICE EACH			
		1	10	25	50
ME151-201	WHITE	.31	.25	.19	.15
ME151-202	YELLOW	.31	.25	.19	.15
ME151-203	BLACK	.31	.25	.19	.15
ME151-204	BROWN	.31	.25	.19	.15
ME151-205	BLUE	.31	.25	.19	.15
ME151-206	PINK	.31	.25	.19	.15

FOR ORDERING BAGS OF 100

STOCK NO.	COLOR	PRICE PER BAG	
		1	5
ME151-201-100	WHITE	12.29	10.25
ME151-202-100	YELLOW	12.29	10.25
ME151-203-100	BLACK	12.29	10.25
ME151-204-100	BROWN	12.29	10.25
ME151-205-100	BLUE	12.29	10.25
ME151-206-100	PINK	12.29	10.25

FOR ORDERING BAGS OF 1000

STOCK NO.	COLOR	PRICE PER BAG			
		1	5	10	25
ME151-201-1000	WHITE	93.16	84.69	76.99	69.99
ME151-202-1000	YELLOW	93.16	84.69	76.99	69.99
ME151-203-1000	BLACK	93.16	84.69	76.99	69.99
ME151-204-1000	BROWN	93.16	84.69	76.99	69.99
ME151-205-1000	BLUE	93.16	84.69	76.99	69.99
ME151-206-1000	PINK	93.16	84.69	76.99	69.99



## SCREW TYPE TERMINAL BOARDS



SHORTING LINK

STOCK NO.	NO. OF TERMINALS	DIMENSION A (INCHES)	PRICE EACH			
			1	10	100	500
534-4187	1	.88	.30	.19	.18	CALL FOR QUOTE
534-4188	2	1.31	.39	.27	.26	
534-4189	3	1.75	.50	.37	.35	
534-4190	4	2.19	.58	.45	.44	
534-4191	5	2.63	.69	.58	.54	
534-4192	6	3.06	.78	.62	.60	
534-4193	7	3.50	.94	.71	.68	
534-4194	8	3.94	1.07	.79	.77	
534-4195	9	4.38	1.20	.90	.86	
534-4196	10	4.81	1.33	.97	.93	
565-878	SHORT-LINK		.08	.06	.049	

## MOUSER® SCREW TYPE TERMINAL BOARD PHENOLIC



BLACK PHENOLIC WITH HOT-TINNED BRASS TERMINALS

STOCK NO.	NO.	DIMENSIONS (IN.)			PRICE EACH			
		A	B	C	1	10	100	500
15CA002	2	1.80	.65	1.37	.40	.29	.24	CALL FOR QUOTE
15CA004	4	2.90	.83	2.45	.55	.37	.34	

## MOUSER® COMPRESSION TERMINAL BLOCKS

QUICK CONNECT TERMINALS. IDEAL FOR SPEAKER SYSTEMS AND OTHER AUDIO OR LOW VOLTAGE APPLICATIONS. THESE TERMINAL BLOCKS FIRMLY GRASP STRIPPED WIRE. COLOR CODED (BLACK & RED)



STOCK NO.	PRICE EACH			
	1	10	100	500
15CT200	.88	.68	.62	CALL FOR QUOTE

## MOUSER® BARRIER TERMINAL BLOCKS

THESE TERMINAL BLOCKS ARE DIRECT REPLACEMENTS TO TRW CINCH 140 SERIES BARRIER BLOCKS. INSULATOR MATERIAL IS MOLDED PHENOLIC. EYELETS ARE NICKEL PLATED BRASS SCREWS, 10 AMP RATED. UNIVERSAL SCREW HEAD FITS SLOTTED OR PHILLIPS SCREWDRIVER.



STOCK NO.	NO. OF TERMINALS	PRICE EACH			
		1	10	100	500
15BB002	2	.43	.39	.36	CALL FOR QUOTE
15BB004	4	.61	.53	.48	
15BB006	6	.89	.79	.73	
15BB008	8	1.05	.99	.93	
15BB010	10	1.74	1.45	1.32	

## TRW BARRIER TERMINAL BLOCKS



STOCK NO.	NO. OF TERMINALS	PRICE EACH			
		1	10	50	100
568-2-140	2	.56	.53	.47	CALL FOR QUOTE
568-3-140	3	.65	.58	.52	
568-4-140	4	.73	.65	.59	
568-6-140	6	1.05	.97	.86	
568-8-140	8	1.32	1.19	1.07	
568-10-140	10	1.69	1.51	1.34	
Y-TERMINAL BLOCKS HAVE THRU-PANEL SOLDER TERMINALS					
568-2-140-Y	2Y	.71	.59	.55	
568-3-140-Y	3Y	.77	.71	.63	
568-4-140-Y	4Y	1.04	.94	.86	
568-6-140-Y	6Y	1.49	1.29	1.17	
568-8-140-Y	8Y	1.89	1.71	1.51	
568-10-140-Y	10Y	2.28	2.07	1.83	

"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.



# MOUSER® D-Subminiature Connectors

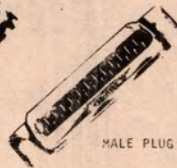
## D-SUBMINIATURE CONNECTORS • HIGH RELIABILITY

THESE HIGH QUALITY D-SUBMINIATURE CONNECTORS ARE DESIGNED FOR APPLICATIONS WHERE SPACE AND WEIGHT ARE OF MAJOR IMPORTANCE. THEY CAN ACCOMMODATE A LARGE NUMBER OF CIRCUITS IN PROPORTION TO THEIR SIZE. THEY FEATURE HIGH CONTACT DENSITY WITH RUGGED, RELIABLE CONTACTS. SHOCK AND VIBRATION RESISTANT SHELLS ASSURE POSITIVE CONTACT AT ALL TIMES. A VARIETY OF ACCESSORY SHELLS, CUPS, PLATES AND CAPS MAY BE USED.

FEMALE SOCKET



MALE PLUG



- WORKING TEMPERATURE: -55 C TO 140 C
- INSULATION: THERMOPLASTIC, UL-94 V-0 APPROVED
- CONTACT FINISH: .0000196 GOLD OVER NICKEL PLATE
- MAX. CURRENT RATING: 5 AMPS
- OPERATING VOLTAGE: 250V AC
- MAX WIRE GAUGE: 20AWG
- PRINTED CIRCUIT CONNECTOR: .025" DIAMETER
- WIRE WRAPPING TERMINATION: .51" LENGTH

### SOLDER POT

### STRAIGHT PCB

### WIRE WRAPPING

### RIGHT ANGLE PCB

(FOR OPTIONAL MOUNTING BRACKET, SEE BELOW)

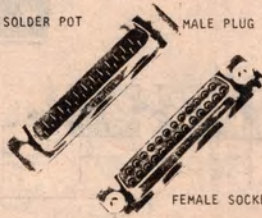
STOCK NO.	NO. OF CONTACTS	PRICE EACH				STOCK NO.	NO. OF CONTACTS	PRICE EACH				STOCK NO.	NO. OF CONTACTS	PRICE EACH				STOCK NO.	NO. OF CONTACTS	PRICE EACH			
		1	10	100	500			1	10	100	500			1	10	100	500			1	10	100	500
MALE PLUG																							
ME152-5009	9	1.63	1.56	1.43	CALL	ME152-5209	9	1.52	1.46	1.35	CALL	ME152-5409	9	2.22	2.15	1.95	CALL	ME152-5609	9	3.58	3.42	3.11	CALL
ME152-5015	15	2.29	2.14	1.94	FOR	ME152-5215	15	2.05	1.95	1.77	FOR	ME152-5415	15	3.26	3.14	2.85	FOR	ME152-5615	15	5.15	4.91	4.47	FOR
ME152-5025	25	2.65	2.52	2.29	QUOTE	ME152-5225	25	2.79	2.71	2.46	QUOTE	ME152-5425	25	4.99	4.82	4.39	QUOTE	ME152-5625	25	7.71	7.36	6.69	QUOTE
ME152-5037	37	3.76	3.62	3.29		ME152-5237	37	4.16	3.96	3.62		ME152-5437	37	6.91	6.59	5.99		ME152-5637	37	10.99	10.49	9.54	
ME152-5050	50	5.65	5.43	4.93		ME152-5250	50	5.36	5.11	4.66		ME152-5450	50	9.09	8.67	7.89		ME152-5650	50	15.71	14.99	13.63	
FEMALE SOCKET																							
ME152-5109	9	2.17	2.12	1.93		ME152-5309	9	2.53	2.39	2.19		ME152-5509	9	3.96	3.68	3.24		ME152-5709	9	3.89	3.73	3.38	
ME152-5115	15	2.58	2.47	2.24		ME152-5315	15	3.59	3.42	3.11		ME152-5515	15	4.54	4.37	3.97		ME152-5715	15	5.59	5.34	4.85	
ME152-5125	25	2.99	2.86	2.69		ME152-5325	25	4.24	4.06	3.69		ME152-5525	25	8.89	7.99	7.34		ME152-5725	25	7.99	7.63	6.99	
ME152-5137	37	5.84	5.59	5.09		ME152-5337	37	7.92	7.61	6.92		ME152-5537	37	9.89	9.43	8.57		ME152-5737	37	12.72	12.09	10.99	
ME152-5150	50	7.59	7.37	6.69		ME152-5350	50	9.99	9.69	9.09		ME152-5550	50	12.99	12.41	11.23		ME152-5750	50	16.99	16.18	14.72	

## MOUSER® STANDARD RELIABILITY D-SUBMINIATURE CONNECTORS

THESE STANDARD RELIABILITY D-SUBMINIATURE CONNECTORS ARE DESIGNED FOR APPLICATIONS WHERE SPACE, WEIGHT AND COST ARE A MAJOR FACTOR.

STOCK NO.	NO. OF CONTACTS	PRICE EACH				
		1	10	100	500	
MALE PLUG						
ME156-1209	9	.89	.69	.63	CALL	FOR QUOTE
ME156-1215	15	1.18	.91	.83		
ME156-1225	25	1.40	1.17	1.06		
ME156-1237	37	2.63	2.19	1.99		
FEMALE SOCKET						
ME156-1309	9	.99	.76	.69		
ME156-1315	15	1.29	.99	.92		
ME156-1325	25	1.48	1.23	1.12		
ME156-1337	37	2.84	2.37	2.15		

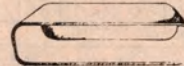
SOLDER POT



FEMALE SOCKET

## D-SUBMINIATURE CONNECTOR COVERS

PROVIDES A TIGHT DUST-FREE COVER FOR 25 PIN D-SUB CONNECTORS.  
ORDER 3P FOR PLUG COVER, 3S FOR RECEPTACLE COVER

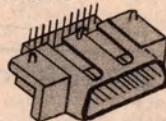


STOCK NO.	PRICE EACH			
	1	10	100	1000
ME152-1042-3P	.50	.39	.36	.33
ME152-1042-3S	.50	.39	.36	.33

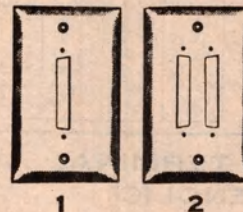
## MOUSER® PLASTIC "D" SUB CONNECTOR

- PC MOUNTING
- RIGHT ANGLE
- LOW COST
- MALE PLUG
- TIN-PLATED CONTACTS
- SNAP-IN MOUNTING TAB (REQUIRES NO MOUNTING SCREWS)

STOCK NO.	NO. OF CONTACTS	PRICE EACH					
		1	10	100	500		
ME152-3009	9	1.27	.98	.85	CALL		
ME152-3015	15	1.63	1.36	1.24	FOR		
					QUOTE		



## D-SUB WALL PLATES

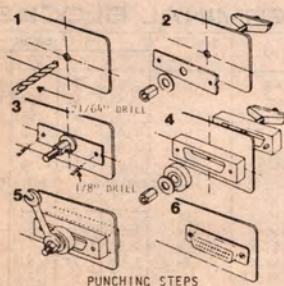


- 25 PIN "D"-SUB (RS-232)
- DURABLE THERMOPLASTIC
- FOR MALE OR FEMALE CONNECTORS
- IVORY COLOR
- SINGLE OR DOUBLE OUTLET

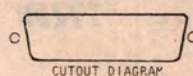
STOCK NO.	FIG.	TYPE	PRICE EACH					
			1	10	50	100		
ME152-2025	1	SINGLE	1.79	1.38	1.25	CALL		
ME152-2125	2	DOUBLE	1.99	1.53	1.39	FOR		
						QUOTE		

## "D" CONNECTOR HOLE PUNCHES

THE EASY WAY TO CUT HOLES IN MILD STEEL, ALUMINUM, ETC. IS ALMOST EFFORTLESS WHEN USING FRICTION REDUCING BALL RACE WHICH IS SUPPLIED. THIS IS A PATENTED DESIGN WITH ONLY 6 STEPS FROM PUNCHING TO MOUNTING. (DRILLS ARE NOT INCLUDED)  
1/8" & 21/64" DRILLS REQUIRED.



PUNCHING STEPS



CUTOUT DIAGRAM



Front Mounting Standard



Rear Mounting Standard

## REPLACEMENT BALL RACE

STOCK NO.	PRICE EACH	
	1	5
388B001	4.99	4.49

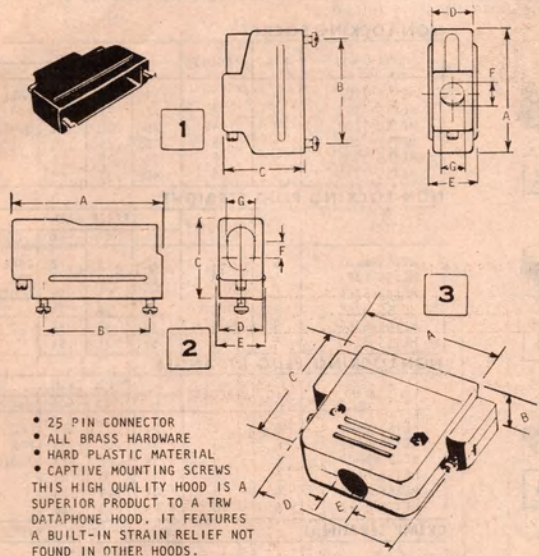
STOCK NO.	NO. OF PINS	MOUNTING	CUTOUT SIZE (INCHES)		PRICE EACH	
			LENGTH	WIDTH	1	5
38DM919	9	REAR	.79	.46	139.99	126.99
38DM921	9	FRONT	.86	.51	139.99	126.99
38DM928	15	REAR	1.12	.46	155.95	139.99
38DM929	15	FRONT	1.17	.51	155.95	139.99
38DM941	25	REAR	1.66	.46	159.99	144.99
38DM943	25	FRONT	1.71	.51	159.99	144.99
38DM958	37	REAR	2.33	.47	159.99	144.99
38DM959	37	FRONT	2.35	.53	159.99	144.99
38DM957	50	FRONT	2.27	.64	164.95	149.95
38DM955	50	REAR	2.20	.57	164.95	149.95



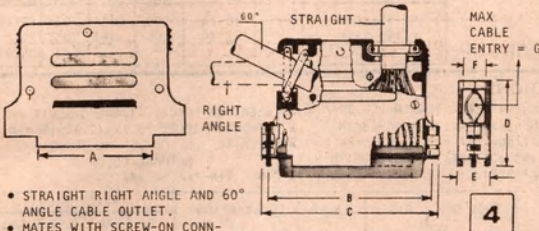
# MOUSER® D-Sub Connector Hoods

## D-SUBMINIATURE HOODS

THESE ARE HIGH QUALITY PLASTIC JUNCTION HOODS THAT MATE WITH ME152 SERIES D-SUBMINIATURE CONNECTORS.

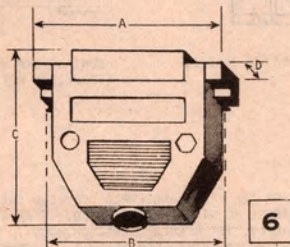
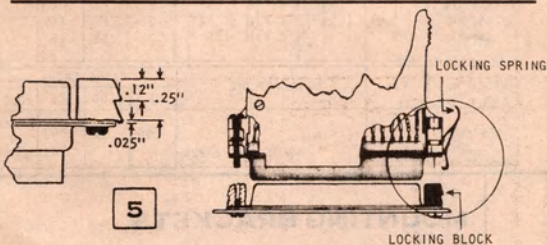


- 25 PIN CONNECTOR
  - ALL BRASS HARDWARE
  - HARD PLASTIC MATERIAL
  - CAPTIVE MOUNTING SCREWS
- THIS HIGH QUALITY HOOD IS A SUPERIOR PRODUCT TO A TRW DATAPHONE HOOD. IT FEATURES A BUILT-IN STRAIN RELIEF NOT FOUND IN OTHER HOODS.



- STRAIGHT RIGHT ANGLE AND 60° ANGLE CABLE OUTLET.
- MATES WITH SCREW-ON CONNECTORS.
- STANDARD 4-40 SCREWS SECURE CONNECTION.

\* ONLY ONE CABLE OUTLET



STOCK NO.	NO. OF CONTACTS	DIMENSIONS IN INCHES							PRICE EACH				
		A	B	C	D	E	F	G	I	10	100	500	
PLASTIC HOOD STRAIGHT OUTLET FIG. (1)													
ME152-6009	9	1.22	.98	1.0	.50	.56	.23	.28	1.36	1.21	1.07	1.07	CALL FOR QUOTE
ME152-6015	15	1.55	1.31	1.0	.50	.56	.36	.36	1.36	1.21	1.07	1.07	CALL FOR QUOTE
ME152-6025	25	2.09	1.05	1.25	.50	.56	.49	.36	1.20	1.08	.96	1.07	CALL FOR QUOTE
ME152-6037	37	2.73	2.50	1.5	.50	.56	.69	.36	2.07	1.85	1.65	1.65	CALL FOR QUOTE
ME152-6050	50	2.64	2.41	1.5	.61	.67	.73	.47	1.49	1.34	1.18	1.18	CALL FOR QUOTE
PLASTIC HOOD WITH RIGHT ANGLE CABLE OUTLET FIG. (2)													
ME152-6109	9	1.49	.98	1.0	.50	.56	.36	.36	1.18	1.11	1.07	1.07	CALL FOR QUOTE
ME152-6115	15	1.82	1.31	1.0	.50	.56	.36	.36	1.83	1.57	1.43	1.43	CALL FOR QUOTE
ME152-6125	25	2.37	1.85	1.25	.50	.56	.49	.36	1.49	1.41	1.36	1.36	CALL FOR QUOTE
ME152-6137	37	3.01	2.50	1.5	.50	.56	.69	.36	1.81	1.69	1.63	1.63	CALL FOR QUOTE
ME152-6150	50	2.91	2.05	1.5	.61	.67	.73	.47	1.87	1.76	1.69	1.69	CALL FOR QUOTE
LOCKABLE DATA PHONE HOOD FIG. (3)													
ME152-1025	25	2.15	.76	1.40	1.82	.40	—	—	2.49	2.36	2.30	2.30	CALL FOR QUOTE
PLASTIC HOOD WITH LOCKABLE SCREWS FIG. (4)													
ME152-6209	9 *	.38	.98	1.24	1.38	.63	.46	.31	1.82	1.71	1.66	1.66	CALL FOR QUOTE
ME152-6215	15	.63	1.31	1.56	1.61	.64	.47	.31	1.94	1.83	1.77	1.77	CALL FOR QUOTE
ME152-6225	25	1.13	1.85	2.11	1.82	.64	.47	.39	2.21	2.06	1.99	1.99	CALL FOR QUOTE
ME152-6237	37	1.75	2.50	2.75	1.84	.68	.67	.39	2.08	1.95	1.89	1.89	CALL FOR QUOTE
ME152-6250	50	1.65	2.41	2.65	1.81	.73	.55	.60	2.32	2.18	2.10	2.10	CALL FOR QUOTE
SHIELDED HOOD WITH LOCKABLE SCREWS FIG. (4) METALIZED FINISH FOR PROPER SHIELDING.													
ME152-4009	9 *	.38	.98	1.24	1.38	.63	.46	.31	5.99	4.99	4.54	4.54	CALL FOR QUOTE
ME152-4015	15	.63	1.31	1.56	1.61	.64	.47	.31	5.29	4.42	3.99	3.99	CALL FOR QUOTE
ME152-4025	25	1.13	1.85	2.11	1.82	.64	.47	.39	4.81	4.37	3.95	3.95	CALL FOR QUOTE
ME152-4037	37	1.75	2.50	2.75	1.84	.68	.67	.39	4.30	3.90	3.59	3.59	CALL FOR QUOTE
ME152-4050	50	1.65	2.41	2.67	1.83	.75	.67	.49	5.99	5.48	4.95	4.95	CALL FOR QUOTE

## LOCKING CLAMPS FIG. (5)

DESIGNED TO FIT OUR ME152-6200 SERIES PLASTIC HOOD WITH LOCKABLE SCREWS OR OUR ME152-4000 SERIES SHIELDED HOODS (SEE FIG. 5). THESE LOCKING CLAMPS ASSURE A SOLID RELIABLE CONNECTION. TO REMOVE THE MATED CONNECTOR, SIMPLY PRESS ON THE LOCKING SPRING. WHEN MATED, THE LOCKING CLAMP KEEPS YOUR CONNECTION INTACT.

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	10	100	500
ME152-0003	SPRING	.29	.25	.23	CALL FOR QUOTE
ME152-0004	BLOCK	.73	.48	.44	CALL FOR QUOTE

## D-SUBMINIATURE HOODS FIG. (6)

### LOW COST LOCKING DATA PHONE HOODS

THESE STANDARD QUALITY, STRAIGHT OUTLET HOODS COME IN PLASTIC, METAL AND CLEAR CHROMATE PLATING OVER PLASTIC. THEY MATE WITH OUR ME152 AND ME156 SERIES D-SUBMINIATURE CONNECTORS.

STOCK NO.	NO. OF CONTACTS	PRICE EACH			
		1	10	100	500
ME156-2025	25	.99	.75	.68	CALL FOR QUOTE

### METALIZED DATA PHONE HOODS

STOCK NO.	NO. OF CONTACTS	PRICE EACH			
		1	10	100	500
ME156-3009	9	1.49	1.25	1.14	CALL FOR QUOTE
ME156-3015	15	1.59	1.33	1.21	CALL FOR QUOTE
ME156-3025	25	1.69	1.41	1.28	CALL FOR QUOTE
ME156-3037	37	3.07	2.56	2.33	CALL FOR QUOTE

### METAL LOCKING DATA PHONE HOODS

STOCK NO.	NO. OF CONTACTS	PRICE EACH			
		1	10	100	500
ME156-4009	9	2.26	1.88	1.71	CALL FOR QUOTE
ME156-4015	15	2.99	2.51	2.28	CALL FOR QUOTE
ME156-4025	25	3.59	2.76	2.51	CALL FOR QUOTE

### DIMENSIONS IN INCHES

NO. OF CONTACTS	A	B	C	D
9	1.22	.98	1.92	.62
15	1.55	1.31	1.92	.62
25	2.09	1.85	1.92	.62
37	2.74	2.50	1.92	.62



# MOUSER® Sockets, Mounting Kits and Connectors

## K SERIES INTERCONNECTION SYSTEM

THE MOUSER "K SERIES" IS FULLY INTERCHANGEABLE WITH THE MOLEX "KK SERIES" AND WILL MATE IN BOTH THE LOCKING AND NON-LOCKING STYLES. FOR INTERCONNECTIONS BETWEEN P.C. BOARD AND WIRE, THIS SYSTEM PROVIDES A RELIABLE, ECONOMICAL, QUICK AND EASY METHOD OF CONNECTING WIRE TO BOARD. THE MOUSER "K" SERIES SYSTEM LOWERS ASSEMBLY, TESTING AND SERVICING COSTS WHERE HIGH DENSITY MINIATURE INTERCONNECTIONS ARE REQUIRED. DESIGNED TO ACCEPT AWG 18 TO AWG 28 WIRE WITH A MAXIMUM INSULATION DIAMETER OF 0.075". WORKS WELL ON P.C. BOARDS WHICH ARE 0.062" TO 0.095" IN THICKNESS.

### FEATURES

- POSITIVE CONTACT WITH SQUARE PINS
- LOCKING AND NON-LOCKING STYLES
- U.L. TYPE 94V-2 NYLON 66 (NATURAL COLOR)
- RATED 7 AMPS AT 250 VAC
- U.L. LISTED
- .156" CENTERS (INDUSTRY STANDARD)

### LOCKING SOCKET

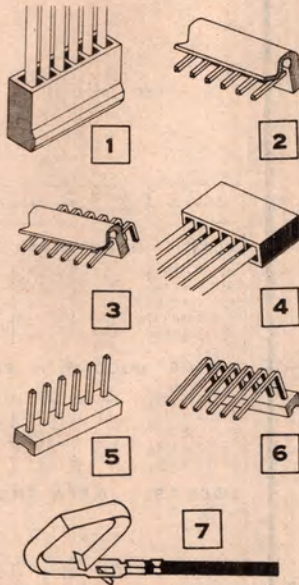
STOCK NO.	FIG.	CIRCUITS	PRICE EACH			
			1	100	500	1000
ME155-7102	1	2	.21	.16	.14	CALL FOR QUOTE
ME155-7103	1	3	.22	.17	.15	CALL FOR QUOTE
ME155-7104	1	4	.25	.20	.17	CALL FOR QUOTE
ME155-7105	1	5	.29	.24	.20	CALL FOR QUOTE
ME155-7106	1	6	.31	.25	.21	CALL FOR QUOTE
ME155-7110	1	10	.40	.32	.29	CALL FOR QUOTE

### LOCKING PLUG STRAIGHT

STOCK NO.	FIG.	CIRCUITS	PRICE EACH			
			1	100	500	1000
ME155-6102	2	2	.25	.20	.18	CALL FOR QUOTE
ME155-6103	2	3	.27	.22	.19	CALL FOR QUOTE
ME155-6104	2	4	.33	.26	.24	CALL FOR QUOTE
ME155-6105	2	5	.36	.29	.25	CALL FOR QUOTE
ME155-6106	2	6	.40	.32	.29	CALL FOR QUOTE
ME155-6110	2	10	.99	.79	.71	CALL FOR QUOTE

### LOCKING PLUG RT. ANGLE

STOCK NO.	FIG.	CIRCUITS	PRICE EACH			
			1	100	500	1000
ME155-6302	3	2	.49	.39	.35	CALL FOR QUOTE
ME155-6303	3	3	.55	.44	.39	CALL FOR QUOTE
ME155-6304	3	4	.61	.49	.44	CALL FOR QUOTE
ME155-6305	3	5	.69	.55	.49	CALL FOR QUOTE
ME155-6306	3	6	.79	.63	.57	CALL FOR QUOTE
ME155-6310	3	10	1.24	.99	.89	CALL FOR QUOTE



\* TERMINAL INSERT MUST BE ORDERED SEPARATELY.

### NON-LOCKING SOCKET

STOCK NO.	FIG.	CIRCUITS	PRICE EACH			
			1	100	500	1000
ME155-7202	4	2	.21	.16	.14	CALL FOR QUOTE
ME155-7203	4	3	.22	.17	.15	CALL FOR QUOTE
ME155-7204	4	4	.25	.20	.17	CALL FOR QUOTE
ME155-7205	4	5	.30	.24	.19	CALL FOR QUOTE
ME155-7206	4	6	.33	.28	.22	CALL FOR QUOTE
ME155-7210	4	10	.40	.32	.29	CALL FOR QUOTE

### NON-LOCKING PLUG STRAIGHT

STOCK NO.	FIG.	CIRCUITS	PRICE EACH			
			1	100	500	1000
ME155-6202	5	2	.17	.13	.12	CALL FOR QUOTE
ME155-6203	5	3	.25	.20	.18	CALL FOR QUOTE
ME155-6204	5	4	.27	.22	.19	CALL FOR QUOTE
ME155-6205	5	5	.33	.26	.24	CALL FOR QUOTE
ME155-6206	5	6	.39	.31	.28	CALL FOR QUOTE
ME155-6210	5	10	.89	.71	.64	CALL FOR QUOTE

### NON LOCKING PLUG RT. ANGLE

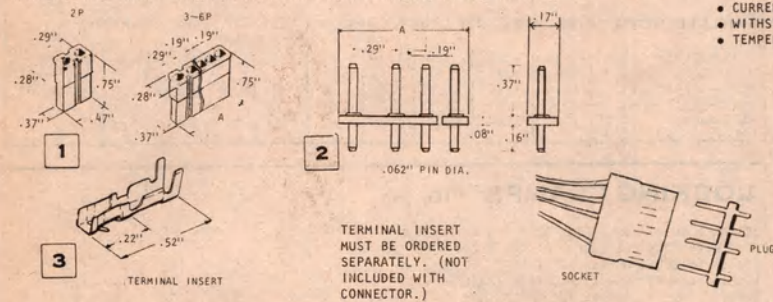
STOCK NO.	FIG.	CIRCUITS	PRICE EACH			
			1	100	500	1000
ME155-6402	6	2	.21	.17	.15	CALL FOR QUOTE
ME155-6403	6	3	.32	.26	.23	CALL FOR QUOTE
ME155-6404	6	4	.34	.27	.24	CALL FOR QUOTE
ME155-6405	6	5	.37	.30	.27	CALL FOR QUOTE
ME155-6406	6	6	.61	.49	.44	CALL FOR QUOTE
ME155-6410	6	10	1.19	.95	.86	CALL FOR QUOTE

### CRIMP TERMINAL

STOCK NO.	FIG.	AWG	PRICE EACH			
			1	100	500	1000
ME155-4001	7	18-24	.06	.041	.037	CALL FOR QUOTE
ME155-5001	7	22-26	.06	.041	.037	CALL FOR QUOTE

## MINIATURE NYLON CONNECTORS

POLARITY CONNECTORS ARE NOTED FOR GREAT FLEXIBILITY. PIN TERMINALS ARE EASILY REMOVED INDIVIDUALLY FROM HOUSING FOR CIRCUIT CHANGES AND REINSTATED.



### SPECIFICATIONS

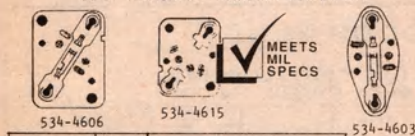
- CONTACT RESISTANCE: 10mΩ MAX.
- INSULATION RESISTANCE: 1000MΩ MIN.
- CURRENT RATING: 5A MAX.
- WITHSTANDING VOLTAGE: 1500VAC, 1 MIN.
- TEMPERATURE RATING: -20°C TO +85°C
- INSERTION FORCE: 1.4kg/CIRCUIT MAX.
- WITHDRAW FORCE: 0.2kg/CIRCUIT MIN.
- MATERIAL: NYLON 66 (UL 94V-0)
- NATURAL COLOR
- PIN: TIN-PLATED BRASS

STOCK NO.	FIG.	DIM. A	DESCRIPTION	PRICE EACH			
				3	100	500	1000
15NF002	1	.47"	2 PIN SOCKET	.09	.07	.065	CALL FOR QUOTE
15NM002	2	.51"	2 PIN PLUG	.09	.07	.065	CALL FOR QUOTE
15NF004	1	.87"	4 PIN SOCKET	.17	.13	.12	CALL FOR QUOTE
15NM004	2	.89"	4 PIN PLUG	.17	.13	.12	CALL FOR QUOTE
15NF006	1	1.26"	6 PIN SOCKET	.22	.18	.16	CALL FOR QUOTE
15NM006	2	1.30"	6 PIN PLUG	.22	.18	.16	CALL FOR QUOTE

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			3	100	500	1000
15NT002	3	TERMINAL, HOLDS AWG 26-20	.16	.052	.047	CALL FOR QUOTE

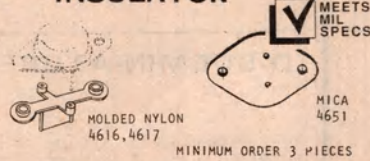
## POWER TRANSISTOR SOCKETS

POWER TRANSISTOR SOCKETS WITH CADMIUM PLATED BRASS TERMINALS. WAFER INSULATOR IS XP PHENOLIC. THREADED FOR #6-20.



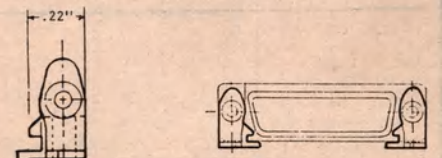
STOCK NO.	DES.	PRICE EACH			
		1	10	100	500
534-4615	TO-66	1.05	.91	.89	CALL FOR QUOTE
534-4603	TO-3	.65	.59	.55	CALL FOR QUOTE
534-4606	TO-3	.64	.58	.54	CALL FOR QUOTE

## POWER TRANSISTOR INSULATOR



STOCK NO.	FITS CASE	PRICE EACH			
		3	100	500	1000
534-4616	TO-3	.10	.058	.046	CALL FOR QUOTE
534-4651	TO-3	.06	.039	.029	CALL FOR QUOTE

## MOUNTING BRACKETS



MOUNTING BRACKET

MOUNTING BRACKET ON CONNECTOR (CONNECTOR NOT INCLUDED)

## IC TERMINAL SOCKETS

PROVIDES FOR EASY REMOVAL OR REPLACEMENT OF IC'S. HOLE SIZE: .032"/.030" DIA. MINIMUM SPACING: 100 ON CENTERS PER ROW; .200 ROW SPACING.

STOCK NO.	PRICE EACH (PKG. OF 100)			
	1	10	50	100
524-J4-635	3.99	3.59	3.48	CALL FOR QUOTE

## MOUSER® TRANSISTOR SOCKET

- UNIVERSAL DESIGN
- FOR PC OR CHASSIS MOUNTING
- FOR TO-92, TO-18, TO-5, OR TO-72

STOCK NO.	PRICE EACH			
	1	10	100	500
15SK722	.34	.23	.21	CALL FOR QUOTE

FOR ALL RIGHT ANGLE PCB "D" SUB CONNECTORS. THESE MOUNTING BRACKETS PROVIDE AN EASY TO APPLY, YET RUGGED CONNECTOR MOUNT. PROVIDED WITH 2 MOUNTING SCREWS THAT ARE FORMED OF HIGH QUALITY PLASTIC.

STOCK NO.	NO. OF CONTACTS	PRICE EACH			
		1	10	100	500
ME152-0001	9-37	.70	.64	.57	CALL FOR QUOTE
ME152-0002	50	.56	.51	.46	CALL FOR QUOTE



# MOUSER® Solderless Connectors

## RING TERMINAL INSULATED

STOCK NO.	REPLACES AMP#	FIG	COLOR	STUD SIZE	WIRE SIZE	PRICE EACH			
						5	100	1000	5000
ME159-2204	RV4	1	RED	4	22-16	.10	.062	.053	CALL FOR QUOTE
ME159-2206	RV6	1	RED	6	22-16	.10	.062	.053	
ME159-2208	RV8	1	RED	8	22-16	.10	.062	.053	
ME159-2210	RV10	1	RED	10	22-16	.10	.062	.053	
ME159-1606	BV6	1	BLU	6	16-14	.10	.062	.053	
ME159-1608	BV8	1	BLU	8	16-14	.10	.062	.053	
ME159-1610	BV10	1	BLU	10	16-14	.10	.062	.053	

ALL SOLDERLESS CONNECTORS ARE VINYL INSULATED, EXCEPT WHERE INDICATED. ANOTHER BENEFIT IS THAT THEY ARE HIGHLY ECONOMICAL.

MINIMUM ORDER 5 PIECES

## SPADE TERMINAL INSULATED

STOCK NO.	REPLACES AMP#	FIG	COLOR	STUD SIZE	WIRE SIZE	PRICE EACH			
						5	100	1000	5000
ME159-2226	RV6F	2	RED	6	22-16	.10	.062	.053	CALL FOR QUOTE
ME159-2228	RV8F	2	RED	8	22-16	.10	.062	.053	
ME159-2220	RV10F	2	RED	10	22-16	.10	.062	.053	
ME159-1626	BV6F	2	BLU	6	16-14	.10	.062	.053	
ME159-1628	BV8F	2	BLU	8	16-14	.10	.062	.053	
ME159-1620	BV10F	2	BLU	10	16-14	.10	.062	.053	

## FLANGED SPADE TERMINAL INSULATED

STOCK NO.	REPLACES AMP#	FIG	COLOR	STUD SIZE	WIRE SIZE	PRICE EACH			
						5	100	1000	5000
ME159-2236	RV6FF	3	RED	6	22-16	.10	.062	.053	CALL FOR QUOTE
ME159-2238	NONE	3	RED	8	22-16	.10	.062	.053	
ME159-2230	NONE	3	RED	10	22-16	.10	.062	.053	
ME159-1636	BV6FF	3	BLU	6	16-14	.10	.062	.053	
ME159-1638	NONE	3	BLU	8	16-14	.10	.062	.053	
ME159-1630	NONE	3	BLU	10	16-14	.10	.062	.053	

## DISCONNECTS INSULATED

STOCK NO.	REPLACES AMP#	FIG	COLOR	SIZE	WIRE SIZE	PRICE EACH			
						5	100	1000	5000
ME159-2250	RV250T	4	RED	.250x.03	22-16	.10	.062	.053	CALL FOR QUOTE
ME159-6250	BV250T	4	BLU	.250x.03	16-14	.10	.062	.053	
ME159-2211	NONE	5	RED	.11x.02	22-16	.10	.062	.053	
ME159-2187	NONE	5	RED	.187x.02	22-16	.10	.062	.053	
ME159-2205	NONE	5	RED	.20x.02	22-16	.10	.062	.053	
ME159-2251	RV250	5	RED	.250x.03	22-16	.10	.062	.053	
ME159-6187	NONE	5	BLU	.187x.02	16-14	.10	.062	.053	
ME159-6205	NONE	5	BLU	.20x.02	16-14	.10	.062	.053	
ME159-6251	BV250	5	BLU	.250x.03	16-14	.10	.062	.053	

## BULLET CONNECTORS, BUTT CONNECTORS AND WIRE NUTS

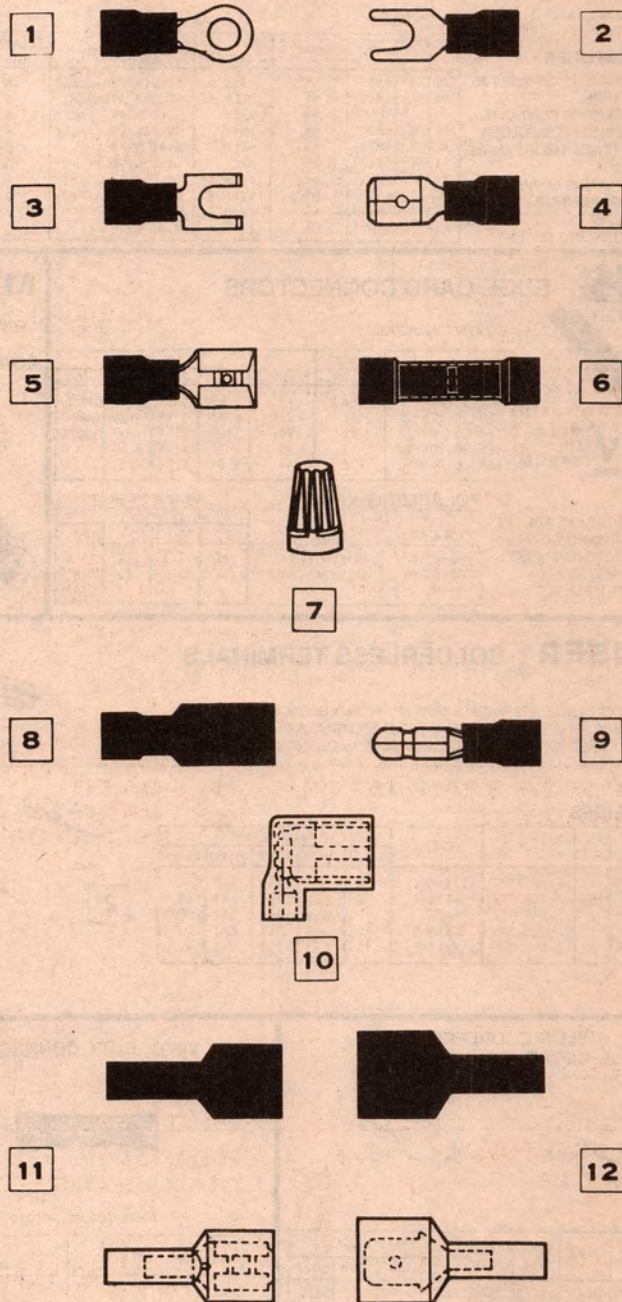
STOCK NO.	REPLACES AMP#	FIG	COLOR	SIZE	WIRE SIZE	PRICE EACH			
						5	100	1000	5000
ME159-1622	RVBS	6	RED	.157	22-16	.10	.062	.053	CALL FOR QUOTE
ME159-1614	BVBS	6	BLU	.157	16-14	.10	.062	.053	
ME159-2214	NONE	7	ORG	.157	22-14	.10	.08	.07	
ME159-2216	NONE	7	ORG	.157	22-16	.10	.08	.07	
ME159-2156	NONE	8	RED	.157	22-16	.12	.087	.074	
ME159-3156	NONE	9	RED	.157	22-16	.10	.062	.053	

## FLAG DISCONNECTS NYLON INSULATED

STOCK NO.	REPLACES AMP#	FIG	COLOR	SIZE	WIRE SIZE	PRICE EACH			
						5	100	1000	5000
ME159-2225	RN250F	10	RED	.250x.03	22-16	.18	.15	.13	CALL FOR QUOTE
ME159-1625	BN250F	10	BLU	.250x.03	16-14	.18	.15	.13	

## NYLON COUPLERS FULL COVER INSULATION

STOCK NO.	REPLACES AMP#	FIG	COLOR	TYPE	WIRE SIZE	TAB WIDTH	PRICE EACH			
							5	100	1000	5000
ME159-3250	RN250S	11	RED	FEMALE	22-16	.250x.03	.18	.15	.13	CALL FOR QUOTE
ME159-3251	RN250T	12	RED	MALE	22-16	.250x.03	.18	.15	.13	
ME159-7250	BN250S	11	BLU	FEMALE	16-14	.250x.03	.18	.15	.13	
ME159-7251	BN250T	12	BLU	MALE	16-14	.250x.03	.18	.15	.13	

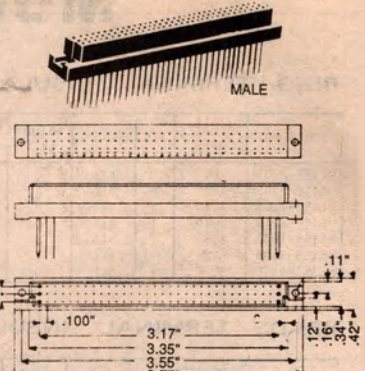
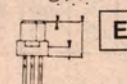
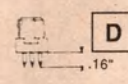
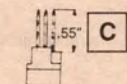
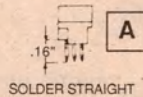
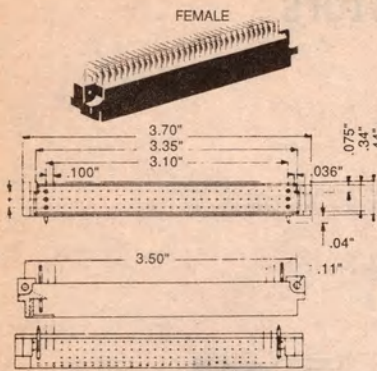


ORDER BY PHONE, FAX, TELEX, OR MAIL



# Terminals and Connectors

## MOUSER® EURO-CARD CONNECTOR



### FEATURES

- MEETS DIN 41612, VG 95324 & IEC STANDARDS
- COMES IN 64 OR 96 CONTACTS
- TERMINATION STYLES: SOLDER STRAIGHT, SOLDER RIGHT ANGLE, & WIRE WRAP
- CONTACT PLATING OF NICKEL & COBALT HARDENED GOLD, MIL-G-45204B
- CONTACT SPACING OF .100"

STOCK NO.	CONTACTS	TYPE OF CONTACT	STYLE OF TERMINATION	TERMINATION DIAGRAM	PRICE EACH				
					1	25	50	100	250
ME151-64MS01	64	MALE	SOLDER STRAIGHT	A	3.53	2.86	2.61	2.44	CALL FOR QUOTE
ME151-96MS01	96	MALE	SOLDER STRAIGHT	A	4.94	4.11	3.74	3.49	CALL FOR QUOTE
ME151-64MS02	64	MALE	SOLDER RT. ANGLE	B	3.66	2.99	2.74	2.49	CALL FOR QUOTE
ME151-96MS02	96	MALE	SOLDER RT. ANGLE	B	5.11	4.24	3.86	3.56	CALL FOR QUOTE
ME151-64MW03	64	MALE	WIRE WRAP	C	4.64	3.86	3.49	3.11	CALL FOR QUOTE
ME151-96MW03	96	MALE	WIRE WRAP	C	7.49	6.24	5.69	5.18	CALL FOR QUOTE
ME151-64FS01	64	FEMALE	SOLDER STRAIGHT	D	5.36	4.99	4.53	4.49	CALL FOR QUOTE
ME151-96FS01	96	FEMALE	SOLDER STRAIGHT	D	7.94	7.23	6.56	6.11	CALL FOR QUOTE
ME151-64FW03	64	FEMALE	WIRE WRAP	E	5.99	4.99	4.58	4.36	CALL FOR QUOTE
ME151-96FW03	96	FEMALE	WIRE WRAP	E	7.86	7.11	6.48	5.99	CALL FOR QUOTE

### SPECIFICATIONS

- GLASS FIBER-FILLED POLYESTER
- UL FLAMMABILITY: 94V-0
- TEMPERATURE RANGE: -55°C TO +125°C
- CONTACT RESISTANCE:  $\geq 10$  M OHMS
- RETENTION FORCE: 64 CONTACTS  $\leq 60N$   
96 CONTACTS  $\leq 80N$   
 $\geq .15N$  PER CONTACT PAIR



## EDGE CARD CONNECTORS

GOLD PLATED

.156" CONTACT SPACING



NOTE: POLARIZING KEYS ARE NOT FURNISHED WITH CONNECTORS AND MUST BE ORDERED AS A SEPARATE ITEM.

STOCK NO.	CONTACT POSITNS.	READOUT	PRICE EACH			
			1	10	50	100
568-50-12A-20	12	12	3.69	3.21	3.10	CALL FOR QUOTE
568-50-22A-20	22	22	5.81	5.13	4.96	CALL FOR QUOTE
568-50-24A-30	12	24	3.69	3.14	3.00	CALL FOR QUOTE
568-50-30A-30	15	30	4.32	3.75	3.63	CALL FOR QUOTE
568-50-44A-30	22	44	5.81	5.13	4.96	CALL FOR QUOTE

### POLARIZING KEYS

MINIMUM ORDER: 2 PIECES

STOCK NO.	TYPE	PRICE EACH			
		2	10	50	100
568-50-PK-1	IN-CONTACT	.16	.13	.12	CALL FOR QUOTE
568-50-PK-2	BETWEEN-CONTACT	.16	.13	.12	CALL FOR QUOTE

## MOUSER® EDGE CARD CONNECTORS

.156" CONTACT SPACING

- DUAL READOUT
- BIFURCATED CONTACT
- GOLD PLATED
- UL 94V-0 INSULATOR

STOCK NO.	CONTACT POSITIONS	READOUT	PLATING	PRICE EACH			
				1	10	100	500
15PC001	10	20	GOLD	4.40	3.36	3.08	CALL FOR QUOTE
15PC002	15	30	GOLD	5.24	4.00	3.67	CALL FOR QUOTE
15PC005	22	44	GOLD	4.46	3.72	3.38	CALL FOR QUOTE

## MOUSER® SOLDERLESS TERMINALS

INSULATED SOLDERLESS TERMINALS THAT ARE HIGHLY ECONOMICAL. BRAZED BARREL CAN BE CRIMPED ANYWHERE WITHOUT SPLITTING AND IS EASY FOR WIRE INSERTION. OTHER WIRE RANGES ARE AVAILABLE, CALL OUR SALES DEPARTMENT.



### QUICK SLIDES

STOCK NO.	FIG.	SIZE	TYPE	PRICE EACH				
				1	100	1000	10000	25000
ME153-1009	1	.11"x.03"	FEMALE	.14	.07	.064	.058	CALL FOR QUOTE
15SC108	3	.250"x.032"	FEMALE	.10	.062	.053	.041	CALL FOR QUOTE
15SC208	2	.250"x.032"	MALE	.10	.062	.053	.041	CALL FOR QUOTE
15SC109	1	.250"x.02"	FEMALE	.10	.062	.053	.041	CALL FOR QUOTE
15SC209	2	.250"x.02"	MALE	.10	.062	.053	.041	CALL FOR QUOTE

### NYLON COUPLERS FULL COVER INSULATION



STOCK NO.	TYPE	WIRE SIZE	TAB WIDTH	PRICE EACH			
				5	100	1000	5000
509-1019AN	MALE	22-18	.250"	.21	.15	.13	CALL FOR QUOTE
509-1018N	FEMALE	16-14	.250"	.21	.15	.13	CALL FOR QUOTE

### VINYL BUTT CONNECTORS



MINIMUM ORDER: 5 PIECES

STOCK NO.	WIRE SIZE	PRICE EACH			
		5	100	1000	5000
509-1007	16-14	.09	.065	.058	CALL FOR QUOTE

### RING TERMINAL INSULATED

MINIMUM ORDER: 5 PIECES

STOCK NO.	STUD SIZE	WIRE SIZE	WIRE SIZE	PRICE EACH			
				5	100	1000	5000
15SC001	6	22-18	.10	.062	.053	.041	CALL FOR QUOTE
15SC002	8	22-18	.10	.062	.053	.041	CALL FOR QUOTE
15SC003	10	22-18	.10	.062	.053	.041	CALL FOR QUOTE

### SPADE TERMINAL

STOCK NO.	STUD SIZE	WIRE SIZE	WIRE SIZE	PRICE EACH			
				5	100	1000	5000
15SC004	6	22-18	.10	.062	.053	.041	CALL FOR QUOTE
15SC005	8	22-18	.10	.062	.053	.041	CALL FOR QUOTE
15SC006	10	22-18	.10	.062	.053	.041	CALL FOR QUOTE

### SOLDERLESS TERMINALS

MINIMUM ORDER: 5 PIECES

#### RING TERMINAL INSULATED

STOCK NO.	WIRE SIZE	STUD SIZE	PRICE EACH			
			5	100	1000	5000
509-1008	4-6	16-14	.10	.07	.062	CALL FOR QUOTE

#### BLOCK SPADE TERMINAL

STOCK NO.	STUD SIZE	WIRE SIZE	WIRE SIZE	PRICE EACH			
				5	100	1000	5000
509-1005ABS	4-6	22-18	.10	.07	.062	.053	CALL FOR QUOTE
509-1005BS	8	22-18	.10	.07	.062	.053	CALL FOR QUOTE
509-1006BS	10	22-18	.10	.07	.062	.053	CALL FOR QUOTE
509-1014ABS	4-6	16-14	.10	.07	.062	.053	CALL FOR QUOTE
509-1014BS	8	16-14	.10	.07	.062	.053	CALL FOR QUOTE

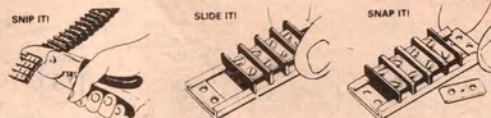
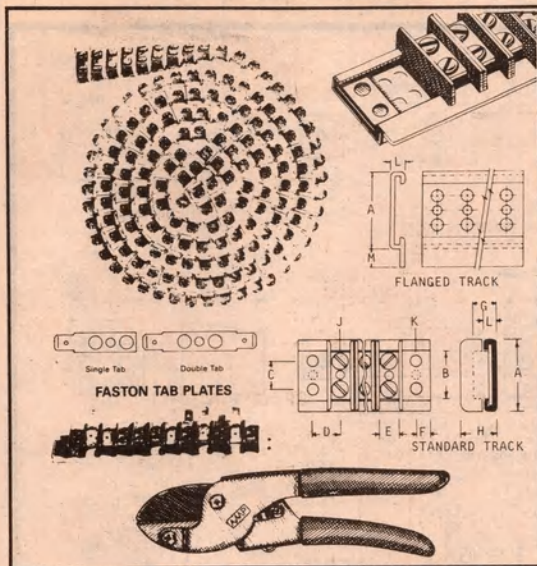
#### BLOCK SPADE TERMINAL FLANGED

STOCK NO.	STUD SIZE	WIRE SIZE	WIRE SIZE	PRICE EACH			
				5	100	1000	5000
509-1014F	8	16-14	.10	.07	.062	.053	CALL FOR QUOTE

STOCK NO.	TYPE	WIRE SIZE	TAB WIDTH	PRICE EACH			
				5	100	1000	5000
509-1019AS	MALE	22-18	.187"	.10	.074	.066	CALL FOR QUOTE
509-1019	MALE	16-14	.187"	.10	.074	.066	CALL FOR QUOTE



# AMP FLEXI-BLOCK<sup>®</sup> Terminal Block System



\* Trademark of AMP Incorporated

IT'S READY TO GO!

TIME-SAVING SYSTEM LETS YOU CUSTOMIZE TERMINAL BLOCK ASSEMBLIES TO ANY LENGTH. THREE BASIC PARTS REPLACE DOZENS OF TERMINAL BLOCK SIZES. INTERCHANGEABLE AS REPLACEMENT UNIT WITH ALL STANDARD TERMINAL BLOCKS. COMPLETE ASSEMBLY REQUIRES ONLY TERMINALS, FLANGED TRACK AND END STOPS. TERMINALS OF DURABLE NYLON ARE MOUNTED ON FLEXIBLE BACK THAT BENDS WITHOUT BREAKING. TRACK OF (G.E.) NORYL<sup>®</sup> EN265 CONFORMS TO CURVED SURFACES. TO ASSEMBLE, JUST CUT OFF NEEDED NUMBER OF BLOCKS, SLIDE INTO REQUIRED LENGTH OF TRACK AND SNAP IN END STOPS. TRACK IS EASILY CUT WITH FLEXI-BLOCK CUTTING TOOL.

## SPECIFICATIONS

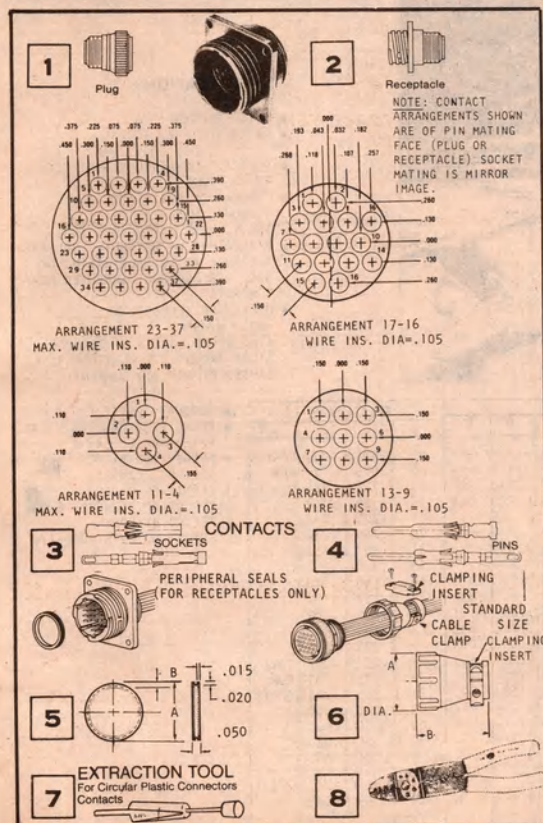
- BLOCK END STOPS: NYLON
- TRACK: NORYL EN265
- CONTACT PLATES: NICKEL PLATED BRASS
- FASTON TAB, JUMPER TAB AND THROUGH SOLDER TAB: TIN PLATED BRASS
- SCREWS: NICKEL PLATED STEEL
- AMPERES: #6-15
- BREAKDOWN RMS LINE-TO-LINE: 6000
- BREAKDOWN RMS LINE-TO-GROUND: 6000
- MAXIMUM WIRE SIZE: NO. 12AWG (3mm<sup>2</sup>)
- \* BREAKDOWN VOLTAGE LINE-TO-GROUND IS FLASHOVER AND NOT LEAKAGE THROUGH BLOCK

## FEATURES

- DURABLE, TOUGH NYLON ON FLEXIBLE BACK-BENDS WITHOUT BREAKING
- RECOGNIZED FOR NO. 22-14 AWG (0.3-2mm<sup>2</sup>) 300V MAXIMUM UNDER THE COMPONENT RECOGNITION PROGRAM OF UNDERWRITERS LAB. INC. FILE NO. E60677.
- INTERCHANGEABLE WITH ALL STANDARD TERMINAL BLOCKS.
- THREE BASIC PARTS REPLACE DOZENS OF SIZES TO SOLVE INVENTORY PROBLEMS.
- ACCEPTS UP TO FOUR LEVELS OF SINGLE AND DOUBLE FASTON RECEPTACLES
- SCREWS AVAILABLE SEPARATELY FOR USE WITH BLOCKS WITHOUT SCREWS
- EASY ADD-ON CAPABILITY.

DIMENSIONS	DIMENSIONS
A 1.125	G .375
B .75	H .563
C .422	J 6-32x 1/4
D .438	K .171
E .344	L .203
F .219	M .266

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	25
571-1604101/100	ONE BLOCK ASSEMBLY ON TAPE WITH NICKEL PLATED STEEL SCREWS (100 BLOCK DISPENSER CARTON)	28.99	26.99	24.99	CALL
571-16018051	ONE TRACK, 3 FT LONG (ACCOMMODATES 80 POSITIONS, 2 END STOPS)	2.99	2.89	2.79	
571-6038174	ONE FLANGED TRACK, FOR MARKER IDENTIFICATION 3 FT LONG (ACCOMMODATES 80 POSITIONS, 2 END STOPS)	3.99	3.69	3.59	CALL
571-6041111	ONE END STOP (2 REQUIRED PER ASSEMBLY)	5	100	500	1000
571-6018048	ONE NO. 6 KIT CONSISTING OF 100 EA. P/N 1-604101-1 BLOCK ASSEMBLIES, 25 EA. P/N 604111-1 END STOPS	32.99	29.99	28.49	CALL
571-6040081	ONE CUTTING TOOL (TRACK OR TAPE)	21.72	20.48	18.92	
571-6019832	ONE SCREW NO. 6-32, 5/16" LONG, NICKEL PLATED BRASS	5	100	500	1000
571-6019893	FASTON TAB PLATES - SINGLE ENDED	.16	.15	.14	CALL



## AMP CPC<sup>®</sup> CONNECTORS

\* Trademark of AMP Incorporated

CABLE CLAMPS: CABLE CLAMPS ARE USED TO PREVENT EXCESSIVE STRAIN ON CABLE OR WIRE FROM BEING TRANSMITTED TO THE CONTACTS INSIDE THE CONNECTOR HOUSING.

- MATERIAL: BLACK THERMOPLASTIC, HEAT STABILIZED, FIRE RESISTANT SELF EXTINGUISHING. 94V-1 RATED

SHELL SIZE	DIMENSIONS (IN)		CABLE O.D. MAX.
	A	B	
11	.825	1.250	.329
13	.950	1.400	.453
17	1.125	1.400	.453
23	1.800	1.555	.703

PERIPHERAL SEALS: (FOR RECEPTACLES ONLY) PERIPHERAL SEALS ARE RECOMMENDED FOR USE IN SEALING/SPASH-PROOF APPLICATIONS OR WHERE CONNECTORS WILL BE SUBJECTED TO VIBRATION.

- MATERIAL: WHITE NEOPRENE

SHELL SIZE	DIMENSIONS (IN)	
	A	B
11	.524	.041
13	.650	.050
17	.875	.050
23	1.230	.050

CIRCULAR PLASTIC CONNECTORS: THESE CONNECTORS ARE UL APPROVED AND ARE DESIGNED FOR USE IN COMMERCIAL INDUSTRIES SUCH AS AIRCRAFT, AUTOMOTIVE, INSTRUMENTATION AND COMPUTER/PERIPHERAL EQUIPMENT. THEY PROVIDE SUBSTANTIAL SAVINGS IN BOTH WEIGHT AND COST. IN ADDITION TO ALL PLASTIC CONSTRUCTION, THESE CONNECTORS OFFER SEVERAL CHARACTERISTICS. THESE FEATURES INCLUDE: BUILT-IN PIN AND SOCKET PROTECTION; THREAD ASSIST COUPLING WITH POSITIVE DETENT LOCKING; 5 KEY POLARIZATION TO PROVIDE PROPER CONNECTOR MATING. CONNECTORS CAN BE SUPPLIED IN SIZE 11, 13, 17 AND 23 SHELLS FOR PANEL MOUNTING.

NOTE: PIN AND SOCKETS ARE SOLD SEPARATELY.

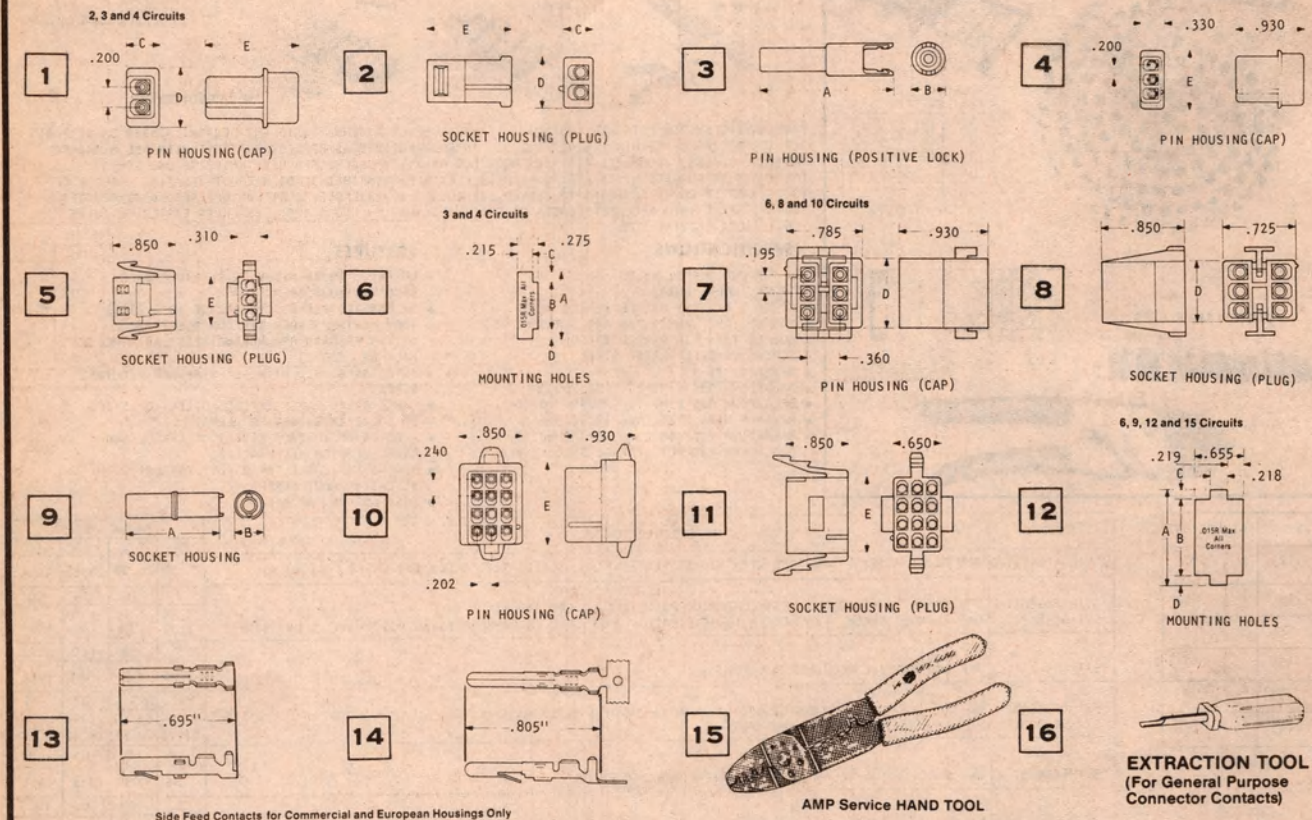
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
571-2060601	1	PLUG 4 POSITION	2.75	2.22	1.94	CALL
571-2060611	2	RECEPTACLE 4 POSITION	1.99	1.66	1.45	FOR QUOTE
571-2067081	1	PLUG 9 POSITION	2.87	2.32	2.03	
571-2067051	2	RECEPTACLE 9 POSITION	2.19	1.78	1.58	
571-2060371	1	PLUG 16 POSITION	2.99	2.44	2.14	
571-2060361	2	RECEPTACLE 16 POSITION	2.32	2.19	2.03	
571-2061501	1	PLUG 37 POSITION	3.25	2.64	2.31	
571-2061511	2	RECEPTACLE 37 POSITION	2.65	2.12	1.86	
571-665921	3	SOCKET 22-18 AWG	.14	.12	.11	CALL
571-665911	4	PIN 22-18 AWG	.13	.11	.10	FOR QUOTE
571-665901	3	SOCKET 18-16 AWG	.14	.12	.11	
571-665891	4	PIN 18-16 AWG	.13	.11	.10	
571-2064031	5	4 PIN PERIPHERAL SEAL	.39	.31	.28	
571-2064034	5	9 PIN PERIPHERAL SEAL	.50	.40	.35	
571-2064032	5	16 PIN PERIPHERAL SEAL	.57	.46	.40	
571-2064033	5	37 PIN PERIPHERAL SEAL	.59	.48	.42	
571-2060621	6	4 PIN CABLE CLAMP	3.65	2.96	2.59	
571-2060661	6	9 PIN CABLE CLAMP	3.65	2.96	2.59	
571-2060701	6	16 PIN CABLE CLAMP	3.75	3.02	2.64	
571-2061381	6	37 PIN CABLE CLAMP	3.79	3.08	2.69	
571-746	7	EXTRACTION TOOL	11.68			
571-725	8	CRIMP TOOL	38.99			

"WE STOCK"



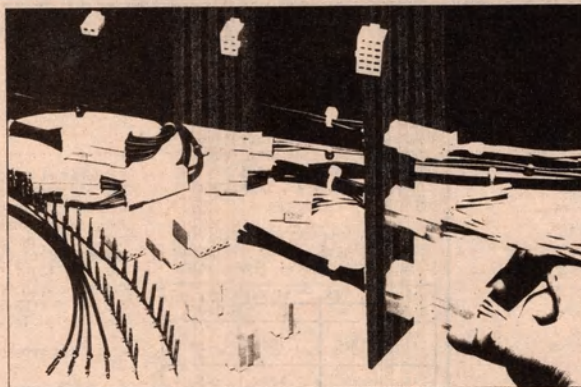
# AMP MATE-N-LOK<sup>®</sup> Connectors

\* Trademark of AMP Incorporated



## FEATURES

- COMPACT, DURABLE HOUSINGS.
- PINS AND SOCKETS CAN BE ACCOMMODATED IN THE SAME HOUSING.
- CONTACTS FULLY PROTECTED IN THE HOUSINGS. BOTH PINS AND SOCKETS CAN BE USED ON THE POWER SUPPLY WIRING.
- ADVANCED HOUSING DESIGNS, FULLY POLARIZED TO PROVIDE PROPER PLUG-TO-CAP MATING AND INCORPORATING POSITIVE LOCKING MECHANISM TO PREVENT ACCIDENTAL DISENGAGEMENT OF MATED CONNECTORS. ALSO, FACILITATE PANEL MOUNTING.
- CONNECTORS CAN BE MOUNTED TO 0.8-2.0mm THICK PANELS.
- LOW INSERTION/EXTRACTION FORCES REQUIRED.
- CONTACTS ACCEPT WIRE SIZE RANGE 26-18AWG (0.12-0.89mm<sup>2</sup>). TWO 22AWG WIRES CAN BE CRIMPED.
- CAP HOUSINGS AVAILABLE IN 1, 2, AND 3 CIRCUIT CONFIGURATIONS FOR FREE HANGING APPLICATIONS AND 2, 3, 4, 6, 9, 12 AND 15-CIRCUIT CONFIGURATIONS FOR PANEL MOUNTING. THE MATING PLUG HOUSINGS ARE USABLE FOR BOTH APPLICATIONS.



## SPECIFICATIONS

- RATED CURRENT: 7A
- RATED VOLTAGE: 300VAC  
DC: 600V, MAX.
- OVERALL LOW-LEVEL RESISTANCE: 10mΩ, MAX.
- INSULATION RESISTANCE: 1,000Ω, MIN. (INITIAL)  
100Ω, MIN. (AFTER TESTING)
- DIELECTRIC WITHSTANDING VOLTAGE: 1.5 KVAC AT VOLTAGE RISING OF 500V PER SECOND (APPLIED FOR 1 MINUTE)
- OPERATING TEMPERATURE: -20°~+105°C  
(THE UPPER LIMITS OF TEMPERATURE INCLUDE TEMPERATURE RISES CAUSED BY APPLIED CURRENT)

STOCK NO.	FIG.	DESCRIPTION	NO. OF CIRCUITS	DIMENSIONS					PRICE EACH			
				A	B	C	D	E	2	10	100	500
571-14803510	3	PIN, FREE HANGING	1	1.240	.300	---	---	---	.09	.085	.077	CALL FOR QUOTE
571-14803490	9	SOCKET, FREE HANGING	1	.870	.260	---	---	---	.08	.075	.07	CALL FOR QUOTE
571-14803190	1	PIN, FREE HANGING	2	---	---	.330	.610	.930	.13	.126	.109	CALL FOR QUOTE
571-14803180	2	SOCKET, FREE HANGING	2	---	---	.295	.530	.860	.13	.124	.107	CALL FOR QUOTE
571-14803400	7	PIN, FREE HANGING	6	.715	---	---	.705	---	.24	.225	.195	CALL FOR QUOTE
571-14802700	8	SOCKET, FREE HANGING	6	.715	---	---	.610	---	.29	.269	.232	CALL FOR QUOTE
571-14803390	7	PIN, FREE HANGING	10	1.105	---	---	1.095	---	.31	.291	.252	CALL FOR QUOTE
571-14802850	8	SOCKET, FREE HANGING	10	1.105	---	---	1.000	---	.35	.328	.283	CALL FOR QUOTE
571-14803050	664	PIN, PANEL MOUNT	3	.890	.645	.123	.123	.810	.16	.149	.129	CALL FOR QUOTE
571-14803040	665	SOCKET, PANEL MOUNT	3	.890	.635	.128	.128	.630	.21	.190	.172	CALL FOR QUOTE
571-14804260	664	PIN, PANEL MOUNT	4	1.09	.845	.123	.123	1.01	.23	.216	.187	CALL FOR QUOTE
571-14804250	665	SOCKET, PANEL MOUNT	4	1.09	.835	.128	.128	.83	.22	.207	.179	CALL FOR QUOTE
571-14802760	12610	PIN, PANEL MOUNT	6	.850	.575	.123	.123	.665	.24	.225	.195	CALL FOR QUOTE
571-14802730	12611	SOCKET, PANEL MOUNT	6	.850	.570	.128	.128	.565	.28	.257	.222	CALL FOR QUOTE
571-14802770	12610	PIN, PANEL MOUNT	9	1.085	.815	.123	.123	.905	.29	.273	.235	CALL FOR QUOTE
571-14802740	12611	SOCKET, PANEL MOUNT	9	1.085	.810	.128	.128	.805	.33	.305	.263	CALL FOR QUOTE
571-606201	13	PIN, 20-14 AWG	-	---	---	---	---	---	.09	.085	.080	CALL FOR QUOTE
571-606191	13	SOCKET, 20-14 AWG	-	---	---	---	---	---	.09	.085	.080	CALL FOR QUOTE
571-606181	14	PIN, 24-18 AWG	-	---	---	---	---	---	.09	.085	.080	CALL FOR QUOTE
571-606171	14	SOCKET, 24-18 AWG	-	---	---	---	---	---	.09	.085	.080	CALL FOR QUOTE
571-4656441	16	EXTRACTION TOOL	-	---	---	---	---	---	7.99	7.49	6.99	CALL FOR QUOTE
571-725	15	CRIMP TOOL	-	---	---	---	---	---	38.99	---	---	CALL FOR QUOTE

- PRODUCT SPECIFICATION:
- FLAME RETARDANT MATERIAL RATED 94V-0, 94V-2
- RECOGNIZED BY UL: FILE NO. E28476
- CERTIFIED BY CSA: REPORT NO. LR38721-6
- TESTED BY VDE: REPORT NO. 4751-800-2/A



# Flat Ribbon Cable Connectors

## MOUSER® FLAT CABLE



- 50' OR 100' DISPENSER BOX
- U.L. LISTED NO. E82373
- CONDUCTORS: NO. 28 AWG, 7/36 STRAND, TINNED COPPER
- CONDUCTOR SPACING: .050"
- INSULATION: 105°C PVC (POLYVINYLCHLORIDE)
- VOLTAGE RATING: 300V
- CHARACTERISTIC IMPEDANCE: 100 OHMS
- GRAY WITH POSITION INDICATOR

STOCK NO.	NO. OF COND.	LENGTH OF SPOOL	PRICE PER BOX			
			1	5	10	25
ME172-1401	14	50'	15.96	15.16	14.40	CALL FOR QUOTE
ME172-1601	16	50'	18.99	17.33	16.46	FOR QUOTE
ME172-2001	20	50'	22.99	21.66	20.58	
ME172-2601	26	50'	29.99	28.16	26.75	
ME172-5001	50	50'	59.99	54.15	51.44	
ME172-1402	14	100'	33.28	30.25	27.50	
ME172-1602	16	100'	39.43	35.85	32.59	
ME172-2002	20	100'	44.81	41.10	40.35	
ME172-2602	26	100'	56.34	53.43	50.76	
ME172-5002	50	100'	113.84	102.75	97.61	

## MOUSER® FLAT CABLE CONNECTOR SYSTEM



### SPECIFICATIONS

- .100" SPACING
- STRAIN RELIEF

- 3 PIECE SYSTEM WITH STRAIN RELIEF
- LATERAL-CABLE INSERTION SPEEDS TERMINATION
- "POSI-LOK" LOCKING CLIPS ASSURE POSITIVE RETENTION
- DESIGNED TO PERMIT TIGHT CABLE FOLDS
- AVAILABLE IN ALL POPULAR PIN CONFIGURATIONS

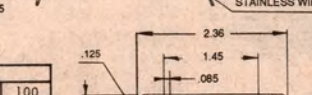
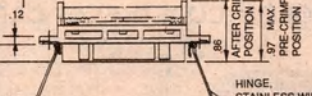
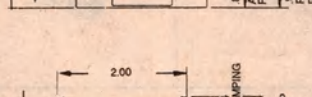
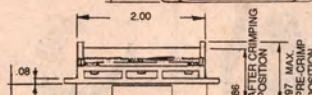
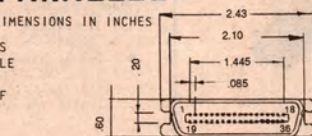
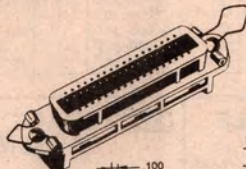
STOCK NO.	DESCRIPTION	PRICE EACH			
		1	10	100	500
ME164-9001	20 PIN WITH STRAIN RELIEF	2.29	1.84	1.66	CALL FOR QUOTE
ME164-9002	26 PIN WITH STRAIN RELIEF	2.99	2.39	2.15	FOR QUOTE
ME164-9003	34 PIN WITH STRAIN RELIEF	3.89	3.09	2.77	
ME164-9004	40 PIN WITH STRAIN RELIEF	4.49	3.59	3.24	
ME164-9005	50 PIN WITH STRAIN RELIEF	5.50	4.40	3.96	

## MOUSER® RIBBON-TO-PANEL PARALLEL INTERFACE CONNECTORS

DIMENSIONS IN INCHES

THESE NEW MOUSER RIBBON-TO-PANEL PARALLEL INTERFACE CONNECTORS ARE PART OF A TERMINATION SYSTEM THAT IS BOTH EASY AND RELIABLE TO USE. THE SOCKET VERSION HAS A SPRING LATCH AND BOTH HAVE STRAIN RELIEFS INCLUDED. EACH OF THESE HAVE A WIDE VARIETY OF INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.

- INSULATION MATERIAL: REINFORCED THERMOPLASTIC 94V-0
- CONTACT MATERIAL: PHOSPHOR BRONZE
- CONTACT PLATING: GOLD OVER NICKEL
- CURRENT RATING: 1 AMP
- INSULATION RESISTANCE: 10,000 MEG OHMS @ 500 VDC
- TEMPERATURE RATING: -55°C TO +105°C

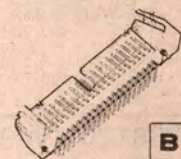
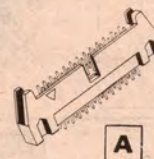


STOCK NO.	FIG.	TYPE	NO. OF PINS	PRICE EACH				
				1	10	25	50	100
ME155-3360	3	PLUG	36	6.23	5.19	4.72	4.29	CALL FOR QUOTE
ME155-4360	4	SOCKET	36	6.23	5.19	4.72	4.29	FOR QUOTE

## HEADER RECEPTACLES

### FEATURES

- FAST, ACCURATE CONNECT/DIS-CONNECT CAPABILITY.
- AVAILABLE IN STRAIGHT OR RIGHT ANGLE CONFIGURATIONS.
- MATES WITH OUR IDS SOCKET CONNECTOR.
- POLARIZING ASSURES POSITIVE ORIENTATION.
- STANDARD PC SOLDER LENGTHS



STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	50	100	500
STRAIGHT						
544-CA26HRS-094	A	26 POSITION	2.09	1.80	1.59	CALL FOR QUOTE
544-CA50HRS-094	A	50 POSITION	4.03	3.68	3.05	
RIGHT ANGLE						
544-CA-26HRR-094	B	26 POSITION	2.49	2.13	1.88	
544-CA-34HRR-094	B	34 POSITION	3.25	2.79	2.45	

## STRIP LINE PLUGS



- POST MATERIAL: PHOSPHOR BRONZE, 10MIL GOLDPLATE OVER NICKEL
- INSULATOR: GLASS FILLED NYLON, BLACK, UL 94V-0
- BREAKABLE INTO ANY CONTACT NUMBER
- .100" CENTERS GRID PATTERN
- AVAILABLE IN SINGLE OR DUAL ROWS
- END STACKABLE
- FEATURE SIDE NOTCHES FOR EASE OF BREAKING INTO ANY NUMBER OF CONTACTS

### STRAIGHT PC

STOCK NO.	POSITIONS/GRID	PRICE EACH			
		1	50	100	500
544-CA-S36SP100	36 SINGLE	2.11	1.77	1.61	CALL FOR QUOTE
544-CA-D72SP100	72 DOUBLE	4.21	3.75	3.21	

### RIGHT ANGLE PC

STOCK NO.	POSITIONS/GRID	PRICE EACH			
		1	50	100	500
544-CA-S36RSP100	36 SINGLE	3.39	2.80	2.34	CALL FOR QUOTE
544-CA-D72RSP100	72 DUAL	6.77	5.59	4.67	

## samtec INTERCONNECTORS



- CABLE PLUG PINS ARE GOLD PLATED AND MATE WITH ALL STANDARD DIP SOCKETS.

STOCK NO.	NO. OF PINS	LENGTH OF CABLE	PRICE EACH			
			1	10	100	500
SINGLE-END PLUGS						
562-CP14-S-12-T	14	12"	4.63	4.35	3.29	CALL FOR QUOTE
562-CP14-S-24-T	14	24"	5.28	4.96	3.76	
562-CP16-S-12-T	16	12"	4.76	4.47	3.36	
562-CP16-S-24-T	16	24"	5.44	5.11	3.83	
DOUBLE-END PLUGS						
562-CP14-D-12-T	14	12"	7.56	7.09	5.34	CALL FOR QUOTE
562-CP14-D-24-T	14	24"	8.20	7.69	5.82	
562-CP16-D-12-T	16	12"	8.95	8.38	6.30	
562-CP16-D-24-T	16	24"	9.63	9.02	6.77	

## D-SUBMINIATURE CONNECTORS



### FEATURES

- MATES WITH STANDARD .050MIL CABLE, TO "D" TYPE CONNECTORS ON .0545 CENTERS.
- TERMINATED IN SINGLE OPERATION.
- BUILT ON STRAIN RELIEF.
- .00010" GOLD PLATING.
- CONTACTS ARE HIGH PERFORMANCE COPPER ALLOY.
- INSULATOR IS BLACK, GLASS FILLED, THERMOPLASTIC POLYESTER. UL 94V-0.

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	50	100	500
544-CA-25SMD-P	PIN (MALE)	4.41	3.81	2.94	CALL FOR QUOTE
544-CA-25SMD-S	SOCKET (FEMALE)	4.77	3.81	3.18	



# AUGAT IDP Connectors and Flat Cable

## AUGAT MALE PARTIALLY SHROUDED HEADERS

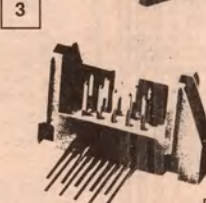
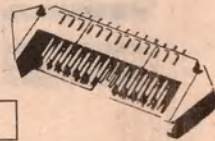
### SPECIFICATIONS

- INSULATOR MATERIAL: G.R. POLYESTER THERMOPLASTIC.
- CONTACT MATERIAL: BRASS
- CONTACT PLATING: .000030" GOLD OVER .000040" NICKEL MINIMUM.
- CURRENT RATING: 1 AMP.

### FEATURES

- GOLD PLATED CONTACTS
- AVAILABLE IN 20 THROUGH 50 PIN CONFIGURATIONS
- INTERCHANGEABLE AND INTERMATEABLE WITH MOST INDUSTRY STANDARD PRODUCTS
- LOW PROFILE DESIGN FOR MAXIMUM APPLICATION USE

STOCK NO.	FIG.	PINS	PRICE EACH			
			1	25	100	500
VERTICAL PC TERMINATION						
506-110-20001-101	1	20	4.59	4.30	3.88	CALL FOR QUOTE
506-110-26001-101	1	26	5.45	5.11	4.61	FOR QUOTE
506-110-34001-101	1	34	6.45	6.05	5.46	FOR QUOTE
506-110-40001-101	1	40	7.47	6.99	6.33	FOR QUOTE
506-110-50001-101	1	50	9.42	8.84	7.97	FOR QUOTE
RIGHT ANGLE PC TERMINATION						
506-110-20001-102	2	20	4.78	4.48	4.05	CALL FOR QUOTE
506-110-26001-102	2	26	5.65	5.29	4.77	FOR QUOTE
506-110-34001-102	2	34	6.55	6.14	5.53	FOR QUOTE
506-110-40001-102	2	40	7.74	7.25	6.55	FOR QUOTE
506-110-50001-102	2	50	9.64	8.44	8.16	FOR QUOTE
VERTICAL WIRE WRAP						
506-110-20001-601	3	20	6.87	6.44	5.81	CALL FOR QUOTE
506-110-26001-601	3	26	9.41	8.82	7.96	FOR QUOTE
506-110-34001-601	3	34	10.46	9.81	8.86	FOR QUOTE
506-110-40001-601	3	40	12.28	11.52	10.40	FOR QUOTE
506-110-50001-601	3	50	14.21	13.32	12.02	FOR QUOTE
RIGHT ANGLE WIRE WRAP						
506-110-20001-602	4	20	7.58	7.11	6.42	CALL FOR QUOTE
506-110-26001-602	4	26	9.50	8.91	8.05	FOR QUOTE
506-110-34001-602	4	34	10.58	9.92	8.95	FOR QUOTE
506-110-40001-602	4	40	12.48	11.70	10.56	FOR QUOTE
506-110-50001-602	4	50	14.21	13.99	12.67	FOR QUOTE



## AUGAT CROSSOVER HEADERS

THIS UNIQUE CONNECTOR UTILIZES AN INTERNAL CROSSOVER OF THE PINS IN THE INSULATOR, PROVIDING A MIRROR IMAGE FOR EACH OF THE CONNECTORS. THIS PERMITS CABLE-TO-CABLE MATING WITHOUT ANY OTHER CIRCUIT ADAPTATION.

CONNECTS TWO FEMALE CONNECTORS. JUST PLUG BACK-TO-BACK AND THIS CROSSOVER CONNECTOR PROVIDES DIRECT CONTINUITY.

### FEATURES

- MATES WITH ALL STANDARD .025 CONTACT RIBBON CONNECTORS
- REINFORCED THERMOPLASTIC LATCHES PROVIDE FOR POLARITY AND RETENTION OF CONNECTOR IN HEADER

### SPECIFICATIONS

- INSULATOR IS GLASS FILLED POLYESTER
- CONTACTS ARE NICKEL-SILVER ALLOY 770

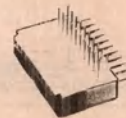
STOCK NO.	NO. OF PINS	PRICE EACH				
		1	25	100	500	1000
506-110-20003-201	20	24.36	22.84	20.61	15.98	CALL FOR QUOTE
506-110-26003-201	26	25.65	24.04	21.73	21.11	FOR QUOTE
506-110-34003-201	34	26.89	25.20	22.86	22.11	FOR QUOTE
506-110-40003-201	40	31.99	29.99	27.11	26.23	FOR QUOTE
506-110-50003-201	50	37.29	34.96	31.63	30.61	FOR QUOTE

## AUGAT INTRA - CONNECTOR

THIS "T" TYPE CONNECTOR, WHEN INTERPOSED BETWEEN PLUG AND HEADER, PROVIDES EXTERNAL PIN CONTACTS WHICH MAY BE PROBED INDIVIDUALLY OR CONNECTED TO ANOTHER CABLE ASSEMBLY. THESE PINS MAY ALSO BE USED TO FACILITATE DAISY CHAINING FROM A SINGLE CONNECTOR CABLE END.

### FEATURES

- PROVIDES FULL ACCESS TO LINES
- CONNECTOR DESIGNED FOR TESTING PREVIOUSLY INACCESSIBLE CIRCUITS
- MATES WITH STANDARD DUAL-ROW FEMALE FLAT CABLE PLUGS AND LEADER ASSEMBLIES
- INSULATOR IS THERMOPLASTIC POLYESTER UL RATED 94V-0
- PINS ARE PHOSPHOR BRONZE, GOLD-OVER-NICKEL-PLATED.



STOCK NO.	NO. OF CNCTCS	PRICE EACH				
		1	25	100	500	1000
506-110-20006-301	20	20.99	19.67	18.12	17.48	CALL FOR QUOTE
506-110-26006-301	26	24.71	23.16	21.23	20.36	FOR QUOTE
506-110-34006-301	34	28.16	26.41	23.98	23.12	FOR QUOTE
506-110-40006-301	40	31.27	29.32	26.86	25.73	FOR QUOTE
506-110-50006-301	50	36.61	34.33	31.23	29.98	FOR QUOTE

## AUGAT TWISTED PAIR FLAT CABLE



### FEATURES

- COLOR CODED
- 100' DISPENSER BOX
- UL LISTED NO.2697

### SPECIFICATIONS

- CONDUCTORS: #28AWG, 7/36 STRAND, TINNED COPPER
- CONDUCTOR SPACING: .050"
- LAMINATE: CLEAR PVC, SELF-EXTINGUISHING
- VOLTAGE RATING: 300V
- CURRENT RATING: 1 AMP NOM. AT 10°C ABOVE AMBIENT
- TEMPERATURE RATING: 80°C



STOCK NO.	NO. OF CONDUCTOR	PRICE PER 100' BOX			
		1	5	10	25
506-FH1A-0002-B14	14	88.88	76.19	66.03	CALL FOR QUOTE
506-FH1A-0002-B16	16	120.72	108.18	94.31	FOR QUOTE
506-FH1A-0002-B20	20	150.90	135.99	117.90	FOR QUOTE
506-FH1A-0002-B26	26	196.21	173.99	153.28	FOR QUOTE
506-FH1A-0002-B40	40	301.82	271.99	235.80	FOR QUOTE
506-FH1A-0002-B50	50	377.29	339.99	294.76	FOR QUOTE

## AUGAT FLAT CABLE



### FEATURES

- GRAY COLOR
- 100' DISPENSER BOX
- UL LISTED NO. 2651

### SPECIFICATIONS

- CONDUCTORS: #28AWG, 7/36 STRAND, TINNED COPPER
- CONDUCTOR SPACING: .050"
- INSULATION MATERIAL: EXTRUDED PVC, FLAME RETARDANT
- VOLTAGE RATING: 300V
- CURRENT RATING: 1AMP NOM. AT 10°C ABOVE AMBIENT
- TEMPERATURE RATING: 105°C



STOCK NO.	NO. OF CONDUCTOR	PRICE PER 100' BOX			
		1	5	10	25
506-FH1A-0011-014	14	42.41	39.24	33.13	CALL FOR QUOTE
506-FH1A-0011-016	16	48.48	43.71	37.87	FOR QUOTE
506-FH1A-0011-020	20	60.59	54.62	47.33	FOR QUOTE
506-FH1A-0011-026	26	78.76	70.99	61.53	FOR QUOTE
506-FH1A-0011-034	34	102.99	92.86	80.48	FOR QUOTE
506-FH1A-0011-040	40	121.22	109.27	94.70	FOR QUOTE
506-FH1A-0011-050	50	151.50	136.57	118.36	FOR QUOTE

## AUGAT COLOR CODED FLAT CABLE



### SPECIFICATIONS

- CONDUCTORS: #28AWG, 7/36 STRAND, TINNED COPPER
- CONDUCTOR SPACING: .050"
- LAMINATE: CLEAR PVC, SELF-EXTINGUISHING
- VOLTAGE RATING: 300V
- CURRENT RATING: 1 AMP NOM. AT 10°C ABOVE AMBIENT
- TEMPERATURE RATING: 80°C

### FEATURES

- COLOR CODED
- 100' DISPENSER BOX
- UL LISTED NO. 2697

STOCK NO.	NO. OF CONDUCTOR	PRICE PER 100' BOX			
		1	5	10	25
506-FH1A-0012-014	14	58.99	53.25	46.15	CALL FOR QUOTE
506-FH1A-0012-016	16	66.66	60.10	52.08	FOR QUOTE
506-FH1A-0012-020	20	84.41	76.08	65.93	FOR QUOTE
506-FH1A-0012-026	26	109.72	98.90	85.63	FOR QUOTE
506-FH1A-0012-034	34	143.47	129.33	111.99	FOR QUOTE
506-FH1A-0012-040	40	168.77	152.12	131.85	FOR QUOTE
506-FH1A-0012-050	50	210.99	190.20	164.83	FOR QUOTE

## AUGAT FEMALE FLAT CABLE ASSEMBLIES



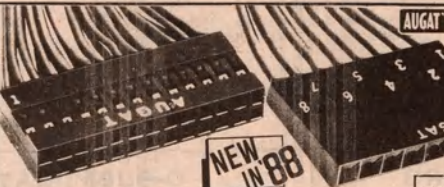
### SPECIFICATIONS

- 12" CABLE LENGTH
- 1 AMP CURRENT RATING
- BERYLLIUM COPPER CONTACTS
- CONNECTOR IS BLUE
- #28 STRANDED CONDUCTOR WIRE WITH PVC INSULATION

### DOUBLE ENDED (2 CONNECTORS)

STOCK NO.	PINS	PRICE EACH			
		1	25	100	500
506-4P40-1R12-2	40	20.87	19.57	17.66	14.95
506-4P50-1R12-2	50	25.63	23.99	21.70	18.36

## AUGAT FEMALE I/O PLUG ASSEMBLIES



I/O PLANAR RECEPTACLE ASSEMBLIES ARE THE PREFERRED CONNECTION METHOD FOR INTERCONNECTION TO WIRE WRAP PINS OR A .100 X .100 PIN GRID FIELD. USING 24 AWG WIRE, THEY CAN HANDLE MORE POWER THAN MOST .050 MASS TERMINATABLE IDC SYSTEMS

### MATERIALS

- INSULATOR: NORYL
- CONTACT SLEEVE: BRASS, GOLD-OVER NICKEL-PLATED
- SPRING CONTACT: BERYLLIUM COPPER, GOLD-OVER NICKEL-PLATED
- WIRE: #24 AWG STRANDED COPPER, PVC INSULATED
- TUBING: COPOLYMER POLYOLEFIN

### PERFORMANCE CHARACTERISTICS

- DRY CIRCUIT: 2.5AMPS
- CONTACT RESISTANCE: 2.5MILLIOHMS
- DIELECTRIC WITHSTANDING: 1000µ RMS
- TEMPERATURE RATING: -40°C TO +105°C
- TERMINAL RETENTION: 6.0LBS

### 2 CONTACT JUMPER ASSEMBLIES

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	100	500	1000
506-6P1-1T12-2	12" DOUBLE ENDED	1.49	1.40	1.35	1.31
506-6P1-1T24-2	24" DOUBLE ENDED	1.51	1.42	1.37	1.32
506-6P1-1T36-2	36" DOUBLE ENDED	1.55	1.45	1.40	1.36

### SINGLE WIRE JUMPER ASSEMBLIES

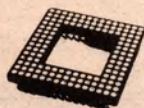
STOCK NO.	DESCRIPTION	PINS	PRICE EACH			
			1	100	500	1000
506-6P08-1T12-1	12" 1 CONNECTOR	8	9.71	9.10	8.60	8.50
506-6P08-1T12-2	12" 2 CONNECTORS	9	17.58	16.48	15.93	15.38
506-6P26-2T12-1	12" 1 CONNECTOR	26	25.22	23.65	22.86	22.07
506-6P26-2T12-2	12" 2 CONNECTORS	26	46.19	43.30	41.86	40.42
506-6P08-1T24-1	24" 1 CONNECTOR	8	10.21	9.57	9.25	8.93
506-6P08-1T24-2	24" 2 CONNECTORS	8	18.08	16.95	16.39	15.82
506-6P26-2T24-1	24" 1 CONNECTOR	26	26.72	25.05	24.22	23.38
506-6P26-2T24-2	24" 2 CONNECTORS	26	47.61	44.64	43.15	41.66

### REPLACEMENT COMPONENTS

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	100	500	1000
506-14008-6G1-12	CONTACT ASSEMBLY 12" 1 CONTACT	.61	.57	.55	.53
506-14008-6G1-24	CONTACT ASSEMBLY 24" 1 CONTACT	.63	.59	.57	.55
506-14008-6G1-12-2	CONTACT ASSEMBLY 12" 2 CONTACTS	1.09	1.02	.99	.95
506-14008-6G1-24-2	CONTACT ASSEMBLY 24" 2 CONTACTS	1.15	1.08	1.04	1.00
506-14008-6P1	CONTACT (SEPARATE)	.22	.21	.20	.19
506-14008-5P1-08	INSULATOR 8 PIN SINGLE ROW	1.47	1.38	1.33	1.29
506-14008-5P2-26	INSULATOR 26 PIN DOUBLE ROW	3.70	3.47	3.35	3.24

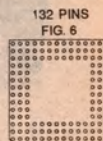
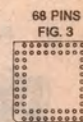
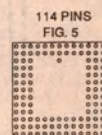
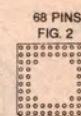
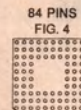
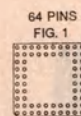
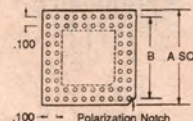
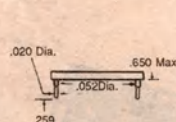
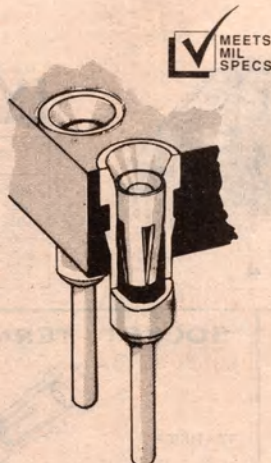


## PGM SERIES • PIN GRID ARRAY SOCKETS



**PGM SERIES-MOLDED PLASTIC**

- THE AUGAT LOW INSERTION FORCE PGM SERIES OF MOLDED PIN GRID SOCKETS REDUCES INSERTION BY MORE THAN 50% COMPARED TO CONVENTIONAL PIN GRID SOCKETS.
- CONTACT SLEEVES RECESSED INTO MOLDED INSULATOR, FOR EXTRA PROTECTION AND GREATER SURFACE AREA PRESENTATION TO VACUUM PICK UP FOR AUTOMATIC INSERTION SYSTEMS.
- NON WICKING, CLOSED BOTTOM, PRECISION MACHINED SLEEVE PROTECTS 100% AGAINST FLUX AND SOLDER CONTAMINATION.
- STRANDED INSULATOR THICKNESS: .115" TYPICAL
- PRINTED WIRING BOARD HOLE SIZE: .035" SOLDER TAIL
- IC PIN DIMENSION RANGE: .017" TO .022" DIAMETER
- SOLDER TAIL LENGTH: (PC) .125



## PERFORMANCE CHARACTERISTICS

BULK CONTACT RESISTANCE: 10 MILLIOHMS  
CONTACT RATING: 3 AMPS  
CAPACITANCE (CONTACT TO CONTACT): 1.0 PF PER MIL-STD-202, METHOD 305  
INSULATION RESISTANCE: 1 X 10 MEGOHMS AT 500V DC PER MIL-STD-1344, METHOD 3003  
DIELECTRIC WITHSTANDING VOLTAGE (DWV): 1500 RMS VOLTS AC  
OPERATION TEMPERATURE: -55°C TO +125°C  
SALT SPRAY: 10 MILLIOHMS MAX. CHANGE, METHOD 1001.1, MIL-STD-1344A  
HUMIDITY: 10 MILLIOHMS MAX. CHANGE, METHOD 1002.2, MIL-STD-1344A  
VIBRATION: 15 G'S, TO 2K CYCLES, METHOD 2005.1, CONDITION 5, MIL-STD-1344A  
SHOCK: 100 G'S, SAWTOOTH, METHOD 2005.1, CONDITION 6, MIL-STD-1344A  
DURABILITY: 50 CYCLES, 10 MILLIOHMS MAX. CHANGE, METHOD 2016, MIL-STD-1344A  
THERMAL SHOCK: 5 CYCLES, -55°C TO +85°C, METHOD 1003.1, CONDITION A, MIL-STD-1344A  
INNER CONTACT RETENTION: 7.5 LBS. PER LINE AVERAGE  
SLEEVE RETENTION IN INSULATOR: 3.0 LBS. PER LINE AVERAGE FOR PRINTED CIRCUIT SLEEVE  
SOLDERABILITY: PASS METHOD 208 OF MIL-STD-202  
NORMAL FORCE\*: 105 GRAMS AVERAGE STD  
INSERTION FORCE\*: 98 GRAMS (3.45 OZ.) PER LINE AVERAGE STD  
WITHDRAWAL FORCE\*: 57 GRAMS (2.0 OZ.) PER LINE AVERAGE STD  
MAX. ASSEMBLY BOW: .003 INCHES PER INCH

\*TEST PROBE .018 DIA. POLISHED STEEL PIN

STOCK NO.	FIG.	NO. OF PINS	INSULATOR SIZE	A +0.020	B +0.005*	PRICE EACH			
						1	100	500	1000
506-PGM064-1A1010-V	1	64	10x10	1.050	.900	6.48	6.08	5.87	5.67
506-PGM068-1A1006-V	2	68	10x10	1.050	.900	6.88	6.45	6.24	6.02
506-PGM068-1A1133-V	3	68	11x11	1.150	1.000	6.88	6.45	6.24	6.02
506-PGM084-1A1003-V	4	84	10x10	1.050	.900	8.51	7.98	7.71	7.45
506-PGM114-1A1337-V	5	114	13x13	1.350	1.200	11.55	10.83	10.47	10.11
506-PGM132-1A1415-V	6	132	14x14	1.450	1.300	13.38	12.54	12.12	11.70

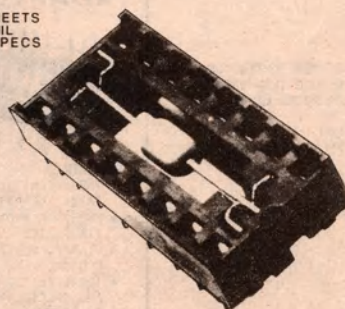


## 200 ACB Series • Single Beam Capacitor Sockets

THE AUGAT 200 SERIES SOCKET COMBINED WITH A DECOUPLING CAPACITOR PROVIDES THE FOLLOWING ADVANTAGES:



- AN EASILY ACCESSIBLE TOP-LOADED CAPACITOR TO MAKE FIELD SERVICEABILITY A SNAP.
- CAPACITOR SOCKET IS AUTOMATICALLY INSERTABLE.
- CAN BE COMBINED WITH PRESS-FIT LEADS TO RETAIN SOCKET IN THE BOARD AND TO ELIMINATE CLINCHING.
- REDUCTION OF 12 TO 15% OF PCB REAL ESTATE.
- IMPROVED ELECTRICAL PERFORMANCE RESULTING FROM SHORTER CAPACITOR LEADS.
- REDUCTION IN COMPONENT INSERTION COSTS. WHEN INSERTING SOCKET, TWO COMPONENTS ARE BEING INSERTED AT THE SAME TIME.
- REDUCTION IN PURCHASING AND INVENTORY COSTS. IT IS ONLY NECESSARY INVENTORY ONE PRODUCT INSTEAD OF TWO.
- AUTOMATIC OR MANUAL INSERTION OF THE CAPACITOR WITHOUT SOLDER IS ACCOMPLISHED WITH THE SOCKET'S IDC CONTACT SYSTEM.
- AVAILABLE IN 14, 16, 18 AND 20 POSITIONS.



## MATERIALS

- INSULATOR: THERMOPLASTIC POLYESTER RATED 94V-0
- CONTACTS: BERYLIUM COPPER (PER QQ-C-533) OR COPPER ALLOY
- PLATING: TIN/LEAD (PER MIL-P-81728)

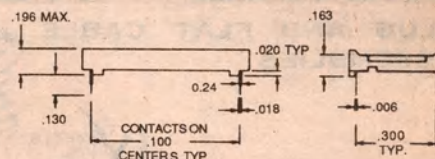
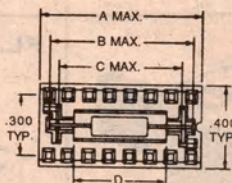
### APPLICATION DIMENSIONS

- PCB THICKNESS: STANDARD .062" AND .092"
- PCB HOLE SIZES: .035" AND .040"
- IC PIN DIMENSION RANGE: .008" X .015" THROUGH .015" X .023"

### TYPICAL PERFORMANCE CHARACTERISTICS

CONTACT RESISTANCE: 6 MILLIOHMS MAXIMUM  
TERMINATION RESISTANCE (CAPACITOR): 5.5 MILLIOHMS MAXIMUM  
CONTACT RATING: 2 AMPS  
CAPACITANCE (ADJACENT CONTACTS-MAX): .5 PF PER MIL-STD-202 METHOD 305  
VIBRATION: PASSED MIL-STD-1344 METHOD 2005.1, CONDITION III, 15 G'S  
SHOCK: PASSED MIL-STD-1344 METHOD 2004.1, CONDITION G, 100 GS  
INSULATION RESISTANCE: 2X10 MEGOHMS PER MIL-STD-1344 METHOD 3003.1  
DIELECTRIC WITHSTANDING VOLTAGE (DWV): 600 VOLTS (RMS) PER MIL-STD-1344 METHOD 3001  
\*OPERATION TEMPERATURE: +10°C TO +85°C  
SOLDERABILITY: PASSED MIL-STD-202 METHOD 208

\* THIS TEMPERATURE RANGE APPLIES TO THE CAPACITOR ONLY. OPERATION TEMPERATURE OF THE SOCKET WITHOUT THE CAPACITOR IS -55°C TO +105°C.



STOCK NUMBER	PINS	DIMENSIONS					CAP. VALUE	PRICE EACH			
		A INCH	B INCH	C INCH	D ±.005	1		100	500	1000	
506-214ACB29D-N01	14	.700	.590	.506	.355	.01mf	.51	.47	.46	.44	
506-214ACB29D-N10	14	.700	.590	.596	.355	.10mf	.51	.47	.46	.44	
506-216ACB29D-N01	16	.800	.690	.606	.455	.01mf	.59	.55	.53	.51	
506-216ACB29D-N10	16	.800	.690	.606	.455	.10mf	.59	.55	.53	.51	
506-218ACB29D-N01	18	.900	.790	.706	.555	.01mf	.66	.61	.59	.57	
506-218ACB29D-N10	18	.900	.790	.706	.555	.10mf	.66	.61	.59	.57	
506-220ACB29D-N01	20	1.000	.890	.806	.655	.01mf	.71	.66	.64	.62	
506-220ACB29D-N10	20	1.000	.890	.806	.655	.10mf	.71	.66	.64	.62	

**QUANTITY DISCOUNTS ON ALL ITEMS - CALL**



## LED DISPLAY SOCKETS

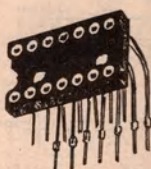
### • PC MOUNTING



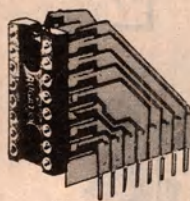
1



2



3



4



STOCK NO.	FIG.	PINS	SPACING	PRICE EACH			
				1	100	500	1000
506-508-AG4A	1	8	.6x.1	4.26	4.00	3.58	CALL FOR QUOTE
506-508-AG8D	2	8	.6x.1	2.44	2.29	2.06	CALL FOR QUOTE
506-514-AG7D	3	14	.3x.1	3.30	3.10	2.80	CALL FOR QUOTE
506-514-AG21D	4	14	.3x.1	6.22	5.83	5.26	CALL FOR QUOTE
506-516-AG7D	3	16	.3x.1	3.80	3.57	3.21	CALL FOR QUOTE
506-516-AG21D	4	16	.3x.1	6.66	6.25	5.63	CALL FOR QUOTE

## BREAKAWAY SOCKET STRIPS

### • GOLD PLATED CONTACTS



- 10 PIN STRIPS
- BREAKAWAY FEATURE FOR BREAKING STRIPS INTO ANY DESIRED SHORTER LENGTHS (NO SPECIAL TOOLING REQUIRED).
- PARTS STACKABLE END TO END AND SIDE TO SIDE FOR .100" GRID SPACING.
- MEETS MOST SEVERE MILITARY REQUIREMENTS OF HIGH SHOCK AND VIBRATION.
- CONTACT FEATURES CLOSED END CONSTRUCTION ELIMINATING ANY SOLDER OR FLUX WICKING PROBLEMS.

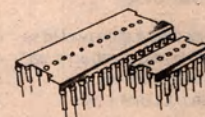
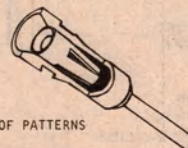
STOCK NO.	TYPE	SLEEVE PLATING	PRICE FOR 10 PIN STRIP			
			1	100	500	1000
506-510-AG91D	PC	TIN	1.00	.94	.85	CALL FOR QUOTE
506-510-AG91F	W.W.	TIN	1.63	1.53	1.38	CALL FOR QUOTE
506-510-AG90D	PC	GOLD	1.31	1.23	1.11	CALL FOR QUOTE
506-510-AG90F	W.W.	GOLD	2.13	1.98	1.80	CALL FOR QUOTE



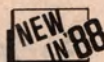
## SOCKET TERMINAL CARRIERS

### FEATURES

- FASTER ASSEMBLY OF PATTERNS
- DIRECT REPAIR VISIBILITY FOR SOLDERING, INSPECTION AND REPAIR.
- ALLOWS MAXIMUM AIR CIRCULATION UNDER IC'S
- PERMITS MAXIMUM DENSITY
- ALUMINUM CARRIER PROVIDES PATTERNS OF LEAD SOCKETS FOR EASY GROUP INSERTION INTO PC BOARD. ELIMINATES TIME CONSUMING ASSEMBLY OF INDIVIDUAL LEAD SOCKETS. DISPOSABLE CARRIER IS SIMPLY REMOVED AFTER WAVE SOLDERING.



STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
HIGH REL SERIES (MACHINED PINS)						
GOLD PLATED CONTACT AND SLEEVE						
506-716-AG1D	16	.3 x .1	2.09	1.96	1.77	CALL FOR QUOTE
506-724-AG3D	24	.6 x .1	3.17	2.97	2.68	
ECONOMY SERIES (STAMPED AND ROLLED PINS)						
GOLD PLATED CONTACT AND TIN PLATED SLEEVE						
506-714-AG2D-ES	14	.3 x .1	.73	.68	.66	CALL FOR QUOTE
506-716-AG2D-ES	16	.3 x .1	.83	.78	.76	
506-724-AG4D-ES	24	.6 x .1	1.25	1.17	1.13	QUOTE
506-740-AG4D-ES	40	.6 x .1	2.08	1.95	1.88	



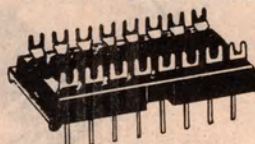
## SOCKET STRIPS



- 25 PIN STRIPS
- STRIPS MAY BE CUT OFF ON ENDS FOR CONTINUOUS SPACING ON .100" CENTERS FOR MORE THAN ONE ROW.
- ACCEPTS FLAT DIP I.C. LEADS OR ROUND LEADS TO .025" DIAMETER.
- INSULATOR: GLASS-FILLED NYLON
- CONTACT (PC): BERYLLIUM COPPER; (W/W)-PHOSPHOR BRONZE.

STOCK NO.	TYPE	PRICE FOR 25 PIN STRIP			
		1	100	500	1000
506-325-AG1D	PC	6.16	5.76	5.21	CALL FOR QUOTE
506-325-AG1F	W/W	8.90	8.34	7.48	CALL FOR QUOTE

## ADAPTOR PLUGS AND COVERS



### ADAPTOR PLUGS ONLY

STOCK NO.	PINS	PLATING	PRICE EACH			
			1	100	500	1000
506-614-DG6	16	TIN	.84	.79	.71	CALL FOR QUOTE
506-616-DG6	16	TIN	.96	.90	.81	CALL FOR QUOTE
506-614-DG5	14	GOLD	1.30	1.22	1.10	CALL FOR QUOTE
506-616-DG5	16	GOLD	1.33	1.25	1.12	CALL FOR QUOTE

### FEATURES

- THERMOPLASTIC POLYESTER INSULATOR, UL RATED 94V-0
- PHOSPHOR BRONZE PINS, GOLD OR TIN PLATED
- STAMPED CONTACTS FOR GREATER ECONOMY
- IDEAL FOR COMPONENT MOUNTING AND SPECIAL PROGRAMMING REQUIREMENTS
- PIN SPACING: .300" x .100"

### ADAPTOR PLUG COVERS ONLY

STOCK NO.	PRICE EACH			
	1	100	500	1000
506-614-2P1	.33	.31	.27	CALL FOR QUOTE
506-616-2P1	.59	.55	.50	CALL FOR QUOTE



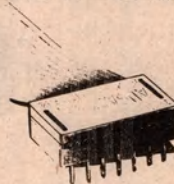
## PLUG AND FLAT CABLE ASSEMBLIES



• 12" LONG FLAT CABLE

STOCK NO.	PINS	PLUG	PRICE EACH			
			1	25	100	500
STANDARD FLAT CABLE						
506-7P14-3T12-1	14	SINGLE	18.53	17.37	15.68	CALL FOR QUOTE
506-7P14-3T12-2	14	DOUBLE	34.94	32.76	29.57	
506-7P16-3T12-1	16	SINGLE	17.19	14.73	12.77	
506-7P16-3T12-2	16	DOUBLE	32.32	27.71	24.01	
TWISTED PAIR FLAT CABLE						
506-7P14-2T12-1	14	SINGLE	35.40	33.19	29.96	CALL FOR QUOTE
506-7P14-2T12-2	14	DOUBLE	68.16	63.90	57.68	
506-7P16-2T12-1	16	SINGLE	35.75	33.52	30.26	
506-7P16-2T12-2	16	DOUBLE	68.89	64.58	58.30	

## FLAT CABLE DIP PLUGS



### PLUG AND CABLE ASSEMBLY

STOCK NO.	PINS	PLUG	PRICE EACH		
			1	25	100
506-2P14-1R12-1	14	SINGLE	11.52	10.80	9.39
506-2P14-1R12-2	14	DOUBLE	16.82	15.79	13.67
506-2P16-1R12-1	16	SINGLE	11.90	11.16	9.68
506-2P16-1R12-2	16	DOUBLE	17.47	16.38	14.19

- 12" LONG FLAT CABLE
- CURRENT RATING: 1A MAX. CONTINUOUS
- TEMP. RATING: -55°C TO 105°C
- PLATING: .000030" GOLD OVER .000040" NICKEL
- CONTACT MATERIAL: BERYLLIUM COPPER
- INSULATOR MATERIAL: G.R. POLYESTER, UL RATED 94V-0

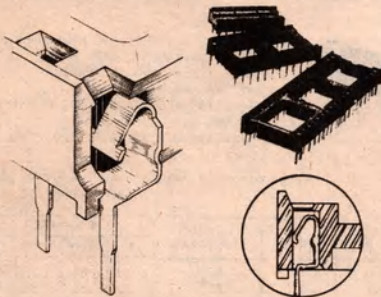
### STANDARD PLUG ONLY

STOCK NO.	PINS	PRICE EACH		
		1	25	100
506-2P14-1	14	5.22	4.89	3.68
506-2P16-1	16	5.47	5.13	3.86



# AUGAT IC Sockets

## LOW COST DIP SOCKETS



### FEATURES

- PC MOUNTING
- ANTI-OVERSTRESS DETENT
- ENLARGED ENTRY FOR EASE OF HAND & MACHINE IC INSERTION
- OPEN LADDER INSULATOR FOR BETTER CLEANING, COOLINGS, VISIBILITY AND REPAIR
- INSULATOR-THERMOPLASTIC POLYESTER, UL RATED 94V-0
- LOW PROFILE .021" STANDOFF



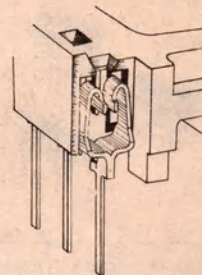
MEETS MIL SPECS

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
TIN PLATED, COPPER ALLOY						
506-208-AG29D	8	.3x.1	.18	.17	.15	CALL FOR QUOTE
506-214-AG29D	14	.3x.1	.21	.20	.19	
506-216-AG29D	16	.3x.1	.22	.21	.20	
506-218-AG29D	18	.3x.1	.25	.23	.21	
506-220-AG29D	20	.3x.1	.28	.26	.25	
506-222-AG29D	22	.4x.1	.32	.30	.29	CALL FOR QUOTE
506-224-AG29D	24	.6x.1	.33	.31	.30	
506-228-AG29D	28	.6x.1	.40	.38	.36	
506-240-AG29D	40	.6x.1	.56	.52	.51	
TIN PLATED, BERYLLIUM COPPER						
506-208-AG39D	8	.3x.1	.26	.25	.24	CALL FOR QUOTE
506-214-AG39D	14	.3x.1	.33	.31	.30	
506-216-AG39D	16	.3x.1	.36	.34	.33	
506-222-AG39D	22	.4x.1	.50	.47	.45	
506-228-AG39D	28	.6x.1	.64	.60	.58	
506-240-AG39D	40	.6x.1	.92	.86	.83	
SELECTIVE GOLD PLATED, BERYLLIUM COPPER						
506-208-AG49D	8	.3x.1	.33	.31	.30	CALL FOR QUOTE
506-214-AG49D	14	.3x.1	.39	.36	.35	
506-216-AG49D	16	.3x.1	.44	.41	.40	
506-218-AG49D	18	.3x.1	.50	.47	.45	
506-220-AG49D	20	.3x.1	.55	.52	.50	
506-228-AG49D	28	.6x.1	.78	.73	.71	

## DUAL CONTACT DIP SOCKETS

### FEATURES

- LOW COST
- CLOSED, TAPERED ENTRY INSULATOR DESIGN WITH LARGE CONTACT OPENINGS GUARANTEE FAST IC INSERTION & FULL SEATING
- STAND-OFF FEET PROVIDE CLEARANCE FOR PROPER CLEANING
- THERMOPLASTIC POLYESTER, UL RATED 94V-0



### PC TERMINAL

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
TIN PLATED CONTACTS						
506-314-AG37D	14	.3x.1	.71	.66	.60	CALL FOR QUOTE
506-316-AG37D	16	.3x.1	.83	.77	.73	
506-324-AG37D	24	.6x.1	1.30	1.22	1.10	
506-340-AG37D	40	.6x.1	2.17	2.03	1.83	
GOLD PLATED CONTACTS						
506-314-AG38D	14	.3x.1	1.59	1.49	1.35	
506-316-AG38D	16	.3x.1	1.82	1.70	1.53	
506-324-AG38D	24	.6x.1	2.73	2.56	2.31	
506-340-AG38D	40	.6x.1	4.53	4.25	3.83	



STYLE A TERMINAL



STYLE B TERMINAL

### PC TERMINALS • STYLE B

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
TIN PLATED CONTACTS						
506-314-AG39D	14	.3x.1	.71	.66	.60	CALL FOR QUOTE
506-324-AG39D	24	.6x.1	1.30	1.22	1.10	
506-340-AG39D	40	.6x.1	2.17	2.03	1.83	
GOLD PLATED CONTACTS						
506-314-AG40D	14	.3x.1	1.59	1.49	1.35	
506-316-AG40D	16	.3x.1	1.82	1.71	1.53	
506-324-AG40D	24	.6x.1	2.73	2.56	2.31	
506-340-AG40D	40	.6x.1	4.53	4.25	3.83	

## HI-REL SOCKETS WITH MACHINED CONTACTS

### PC MOUNTING

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
GOLD PLATED CONTACT AND TIN PLATED SLEEVE						
506-508-AG11D	8	.3x.1	1.05	.99	.88	CALL FOR QUOTE
506-514-AG11D	14	.3x.1	1.46	1.37	1.23	CALL FOR QUOTE
506-516-AG11D	16	.3x.1	1.60	1.50	1.36	CALL FOR QUOTE
506-518-AG11D	18	.3x.1	1.99	1.89	1.71	CALL FOR QUOTE
506-520-AG11D	20	.3x.1	2.30	2.16	1.95	CALL FOR QUOTE
506-522-AG11D	22	.4x.1	2.50	2.34	2.11	CALL FOR QUOTE
506-524-AG11D	24	.6x.1	2.78	2.61	2.36	CALL FOR QUOTE
506-528-AG11D	28	.6x.1	2.99	2.83	2.55	CALL FOR QUOTE
506-540-AG11D	40	.6x.1	4.26	3.99	3.61	CALL FOR QUOTE
GOLD PLATED CONTACT AND SLEEVE						
506-508-AG10D	8	.3x.1	1.36	1.28	1.15	CALL FOR QUOTE
506-514-AG10D	14	.3x.1	2.03	1.90	1.71	CALL FOR QUOTE
506-516-AG10D	16	.3x.1	2.27	2.12	1.91	CALL FOR QUOTE
506-518-AG10D	18	.3x.1	2.84	2.66	2.40	CALL FOR QUOTE
506-520-AG10D	20	.3x.1	3.26	3.06	2.76	CALL FOR QUOTE
506-522-AG10D	22	.4x.1	3.36	3.15	2.85	CALL FOR QUOTE
506-524-AG10D	24	.6x.1	3.90	3.65	3.30	CALL FOR QUOTE
506-528-AG10D	28	.6x.1	4.34	4.07	3.67	CALL FOR QUOTE
506-540-AG10D	40	.6x.1	5.93	5.56	4.99	CALL FOR QUOTE

### FEATURES

- LOW PROFILE
- UL RATED 94V-0, THERMOPLASTIC POLYESTER INSULATOR.
- XY STACKABLE



MEETS MIL SPECS

## HI-REL SOCKETS WITH MACHINED CONTACTS

### PC MOUNTING

STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
GOLD PLATED CONTACT AND TIN PLATED SLEEVE						
506-816-AG11D	16	.3x.1	1.60	1.50	1.35	CALL
506-824-AG11D	24	.6x.1	2.78	2.61	2.36	FOR
506-840-AG11D	40	.6x.1	4.26	3.99	3.61	QUOTE
GOLD PLATED CONTACT AND SLEEVE						
506-816-AG10D	16	.3x.1	2.26	2.12	1.91	
506-824-AG10D	24	.6x.1	3.90	3.65	3.30	
506-840-AG10D	40	.6x.1	5.93	5.56	4.99	



MEETS MIL SPECS

### FEATURES

- LADDER TYPE INSULATOR FOR IMPROVED COOLING.
- MACHINED INNER CONTACT AND MACHINED OUTER SLEEVE.
- XY STACKABLE

### WIRE WRAP

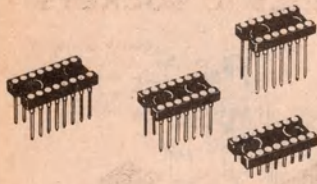
STOCK NO.	PINS	SPACING	PRICE EACH			
			1	100	500	1000
GOLD PLATED CONTACT AND TIN PLATED SLEEVE						
506-816-AG11F	16	.3x.1	1.99	1.87	1.68	CALL FOR QUOTE
506-824-AG11F	24	.6x.1	4.90	3.15	2.85	
506-840-AG11F	40	.6x.1	5.11	4.79	4.32	
GOLD PLATED CONTACT AND SLEEVE						
506-814-AG10F	14	.3x.1	2.78	2.61	2.36	
506-816-AG10F	16	.3x.1	3.19	2.99	2.70	
506-824-AG10F	24	.6x.1	5.37	5.04	4.55	
506-840-AG10F	40	.6x.1	8.22	7.70	6.95	

ONE-STOP SHOPPING SAVES TIME



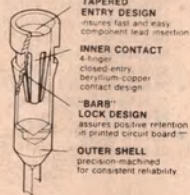
# IC Sockets

## samtec HIGH REL IC SOCKETS



SOLDER TYPE OR WIREWRAP

- LOWEST HEIGHT
- HIGHEST LEAD RETENTION
- LOWEST CONTACT RESISTANCE



DIMENSIONS (INCHES)									
STOCK NO.	NO. OF CONTACTS	CONTACT PLATING	BODY WIDTH	ROW TO ROW	MAX. BODY LENGTH	PRICE EACH			
						1	100	500	1000
SOLDER TERMINALS									
562-IC-308-SGG	8	GOLD	.450	.300	.450	.84	.80	.73	CALL FOR QUOTE
562-IC-308-SGT	8	TIN	.450	.300	.450	.65	.61	.59	
562-IC-314-SGG	14	GOLD	.450	.300	.750	1.39	1.30	1.18	
562-IC-314-SGT	14	TIN	.450	.300	.750	.99	.95	.93	
562-IC-316-SGG	16	GOLD	.450	.300	.850	1.54	1.44	1.31	CALL FOR QUOTE
562-IC-316-SGT	16	TIN	.450	.300	.850	1.16	1.07	1.04	
562-IC-318-SGG	18	GOLD	.450	.300	.950	1.75	1.53	1.48	
562-IC-318-SGT	18	TIN	.450	.300	.950	1.35	1.17	1.15	
562-IC-320-SGG	20	GOLD	.450	.300	1.0	1.88	1.77	1.59	CALL FOR QUOTE
562-IC-320-SGT	20	TIN	.450	.300	1.0	1.37	1.29	1.24	
562-IC-422-SGG	22	GOLD	.500	.400	1.1	1.99	1.92	1.79	
562-IC-422-SGT	22	TIN	.500	.400	1.1	1.61	1.52	1.42	
562-IC-624-SGG	24	GOLD	.750	.600	1.200	2.22	1.99	1.89	CALL FOR QUOTE
562-IC-624-SGT	24	TIN	.750	.600	1.200	1.69	1.56	1.53	
562-IC-628-SGG	28	GOLD	.750	.600	1.400	2.61	2.46	2.31	
562-IC-628-SGT	28	TIN	.750	.600	1.400	1.99	1.83	1.79	
562-IC-640-SGG	40	GOLD	.750	.600	2.000	3.60	3.39	3.18	CALL FOR QUOTE
562-IC-640-SGT	40	TIN	.750	.600	2.000	2.55	2.37	2.29	
WIRE -WRAP TERMINALS									
562-IC-308-WGG	8	GOLD	.450	.300	.450	1.23	1.11	.99	CALL FOR QUOTE
562-IC-308-WGT	8	TIN	.450	.300	.450	.84	.79	.73	
562-IC-314-WGG	14	GOLD	.450	.300	.750	1.88	1.77	1.59	
562-IC-314-WGT	14	TIN	.450	.300	.750	1.32	1.21	1.19	
562-IC-316-WGG	16	GOLD	.450	.300	.850	2.10	1.97	1.85	CALL FOR QUOTE
562-IC-316-WGT	16	TIN	.450	.300	.850	1.41	1.29	1.25	
562-IC-318-WGG	18	GOLD	.450	.300	.950	2.38	2.22	2.05	
562-IC-318-WGT	18	TIN	.450	.300	.950	1.75	1.49	1.45	
562-IC-320-WGG	20	GOLD	.450	.300	1.0	2.76	2.49	2.26	CALL FOR QUOTE
562-IC-320-WGT	20	TIN	.450	.300	1.0	1.84	1.65	1.60	
562-IC-422-WGG	22	GOLD	.500	.400	1.1	2.92	2.75	2.58	
562-IC-422-WGT	22	TIN	.500	.400	1.1	1.99	1.82	1.74	
562-IC-624-WGG	24	GOLD	.750	.600	1.200	3.11	2.92	2.74	CALL FOR QUOTE
562-IC-624-WGT	24	TIN	.750	.600	1.200	2.15	1.98	1.93	
562-IC-628-WGG	28	GOLD	.750	.600	1.400	3.64	3.44	3.16	
562-IC-628-WGT	28	TIN	.750	.600	1.400	2.99	2.75	2.68	
562-IC-640-WGG	40	GOLD	.750	.600	2.000	5.19	4.84	4.38	CALL FOR QUOTE
562-IC-640-WGT	40	TIN	.750	.600	2.000	3.47	3.23	3.10	

## samtec TRANSISTOR IC SOCKETS

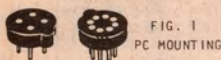


FIG. 1 PC MOUNTING

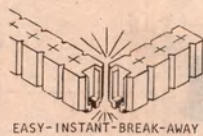


FIG. 2 WIREWRAP

STOCK NO.	FIG.	PIN CIRCLE DIA. (IN.)	NO. OF CONTACTS	CONTACT PLATING	PRICE EACH			
					1	100	500	1000
562-TO-5320-GG	1	.200	3	GOLD	.94	.83	.77	CALL FOR QUOTE
562-TO-5320-GT	1	.200	3	TIN	.81	.73	.68	
562-TO-5820-GG	1	.200	8	GOLD	1.71	1.51	1.44	
562-TO-5820-GT	1	.200	8	TIN	1.47	1.28	1.19	
562-TO-51023-GG	1	.230	10	GOLD	2.10	1.77	1.71	CALL FOR QUOTE
562-TO-51023-GT	1	.230	10	TIN	1.79	1.50	1.43	
562-TO-5320-GGW	2	.200	3	GOLD	1.23	.94	.91	
562-TO-5320-GTW	2	.200	3	TIN	.82	.68	.63	

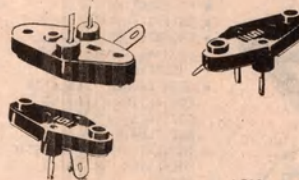
## samtec SOCKET STRIPS

- SOCKET STRIPS FEATURE SAMTEC'S "EASY-INSTANT-BREAK-AWAY" FEATURE FOR SNAPPING STRIPS INTO ANY REQUIRED SHORTER LENGTH. NOTE- ONE CONTACT POSITION IS LOST WHEN BREAKING TO A SHORTER LENGTH. 20 CONTACT LENGTH IS STANDARD.
- LOW PROFILE STRIP IS .170" HIGH INCLUDING STAND-OFF. BOTTOM OF STRIP IS SEALED FOR NO SOLDER WICKING.



STOCK NO.	CONTACT PLATING	PRICE EACH			
		1	10	100	500
562-1CK-120T	TIN	1.15	1.05	.95	CALL FOR QUOTE
562-1CK-120G	GOLD	1.94	1.82	1.75	

## samtec TO-3 POWER TRANSISTOR SOCKETS



### FEATURES

- CONTACT-RESISTANCE: 10 MILLIOHMS MAX.
- CURRENT RATING: 10 AMPS MIN.
- FORCE: 12 oz. AVG. RETENTION
- TEMP. RATING: 170°C Max.
- INSULATION RESISTANCE: 500 MEGOHMS AT 1000 VDC
- DIELECTRIC W/S VOLTAGE: 800 V RMS

\*LEAD DIAMETER RANGE: .040"-.038" TO .045"  
.060"-.056" TO .062"

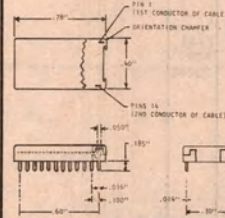
STOCK NO.	LEAD DIA. ACCEPTED	CONTACT FINISH	CONTACT MATERIAL	PRICE EACH			
				1	100	500	1000
562-TO-340-T	.040"	TIN	BEUC	.97	.81	.75	CALL FOR QUOTE
562-TO-340-G	.040"	GOLD	BEUC	.99	.90	.84	
562-TO-340-B-T	.040"	TIN	COPPER ALLOY	.97	.79	.71	
562-TO-360-T	.060"	TIN	BEUC	.97	.81	.75	

## IDP DIP PLUGS



### SPECIFICATIONS

- I.D. PLUGS MASS TERMINATED IN SINGLE OPERATION.
- UNIQUE COVER IS REMOVABLE FOR SNAP-ON INSPECTION.
- CONTACTS ARE A HIGH PERFORMANCE COPPER ALLOY.
- INSULATOR IS GLASS FILLED, THERMOPLASTIC POLYESTER. UL94V-0

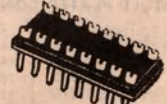
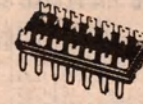
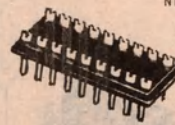


STOCK NO.	POSITIONS	PRICE EACH			
		1	10	100	500
544-CA-14IDP	14	1.06	.90	.83	CALL FOR QUOTE

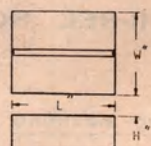
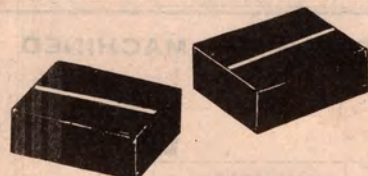
## DIP ADAPTER PLUGS AND COVERS

### MATERIALS:

- ADAPTER BODIES & COVERS: GF NYLON UL RATED 94V-0
- STAMPED TERMINALS: BRASS. 1/2 HARD PER FED SPEC. QQ-V-613C PLATED .00001" MIN. GOLD PER MIL-G-45204 OVER .000050" MIN. NICKEL PER QQ-N-290.



DIMENSIONS (INCHES)									
STOCK NO.	NO. OF CONTACTS	CONTACT PLATING	BODY WIDTH	ROW TO ROW	MAX. BODY LENGTH	PRICE EACH			
						1	25	100	500
ADAPTER PLUGS (TIN PLATED)									
544-14PT-02	14	TIN	.470	.300	.750	.57	.50	.40	CALL FOR QUOTE
544-16PT-02	16	TIN	.470	.300	.850	.66	.56	.45	
544-24PT-02	24	TIN	.795	.600	1.250	1.08	.89	.74	
ADAPTER PLUGS (GOLD PLATED)									
544-16P-02	16	GOLD	.470	.300	.850	.96	.77	.64	



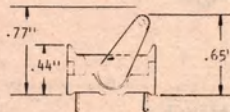
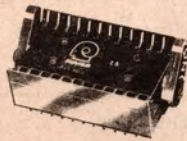
COVERS WITH TOP SLOTS		DIMENSIONS (INCHES)						
STOCK NO.	FOR ADAPTER PIN SIZE	BODY LENGTH	BODY WIDTH	BODY HEIGHT	PRICE EACH			
					1	25	100	500
544-08-160-050	8	.450	.470	.160	.13	.11	.098	CALL FOR QUOTE



## ZERO INSERTION FORCE SOCKET

NO TOOLS REQUIRED, A TRUE ZIF (ZERO INSERTION FORCE) AND NOT AN LIF (LOW INSERTION FORCE). HIGH PIN COUNT DEVICES, MICROPROCESSORS CAN BE INSERTED WITHOUT BENDING OR OTHER DAMAGE TO THE LEGS, SINCE NO FORCE IS REQUIRED TO EITHER INSERT OR REMOVE THE COMPONENT FROM THE SOCKET. CONTACTS ARE NORMALLY OPEN AND ARE CLOSED BY A UNIQUE CAM ACTION CONTROLLED BY DUAL LEVER ARMS. CONTACTS, WHEN CLOSED, GRIP ON THE SMOOTH, FLAT SIDE OF THE IC LEGS. THE LAST 15° OF MOVEMENT OF THE CAM PROVIDES A SLIDING OF WIPING ACTION TO THE CONTACTS ON THE LEGS OF THE IC TO REMOVE ANY RESIDUE AND TO ASSURE POSITIVE CONTACT. A TAPERED ENTRY GUIDES THE IC LEGS INTO THE MATING POSITION WITH THE CONTACTS.

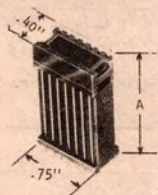
.100" x .600" CENTERS



STOCK NO.	NO. OF PINS	PLATING	PRICE EACH			
			1	100	500	1000
535-24-516-10	24	TIN	4.88	4.42	4.27	CALL FOR QUOTE
535-24-516-11	24	GOLD	6.07	5.50	5.31	FOR QUOTE
535-28-516-10	28	TIN	5.24	4.75	4.59	
535-28-516-11	28	GOLD	6.43	5.85	5.64	
535-40-516-10	40	TIN	6.89	6.24	6.04	
535-40-516-11	40	GOLD	8.65	7.84	7.57	

## ELEVATOR SOCKETS

Bifurcated Contacts



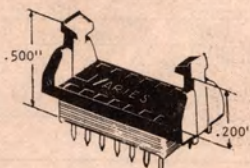
USEFUL FOR BRINGING DEVICES TO DESIRED LEVEL OF HEIGHT, ESPECIALLY LEDS AND DIP SWITCHES. CONTACTS ARE GRADE A SPRING TEMPER PHOSPHOR BRONZE QQ-B-7500. SOCKET IS GLASS FILLED THERMOPLASTIC.

STOCK NO.	A DIM.	NO. OF PINS	MOUNTING CENTER	PRICE EACH			
				1	100	500	1000
535-14-81000-10	1.04"	14	.300"	.99	.84	.76	CALL FOR QUOTE
535-18-68500-10	.54"	18	.600"	1.90	1.57	1.42	FOR QUOTE

## EJECT-A-DIP SOCKET

ARIES EJECT-A-DIP SOCKET POSITIVELY LOCKS IN DIP JUMPERS WHICH PREVENTS ACCIDENTAL REMOVAL. ONCE LOCKED THE DIP CANNOT BE VIBRATED LOOSE OR "WALK OUT" OF THE SOCKET. REMOVAL REQUIRES ONLY OPENING OF THE LATCHES, THE CAM ACTION TAKES OVER TO PUSH THE JUMPER FREE ELIMINATING ANY POSSIBLE DAMAGE TO THE PINS.

- MOUNTING CENTERS: 14-16 PIN = .300"  
24 PIN = .600"



STOCK NO.	NO. PINS	DIMENSIONS		PLATING	PRICE EACH			
		A	B		1	100	500	1000
535-24-532-10	24	.70"	1.45"	TIN	1.79	1.64	1.57	CALL FOR QUOTE

## MOUSER® LOW PROFILE IC SOCKETS

THESE LOW PROFILE IC SOCKETS ARE SPACE SAVING AND HAVE A SPECIALLY DESIGNED BOTTOM STRUCTURE TO INHIBIT SOLDER AND FLUX FLOW UP INTO THE CONTACT AREA. A SPECIALLY DESIGNED SPRING OFFERS STRONG AND RELIABLE CONTACTS EVEN AFTER REPEATED INSERTION. THESE IC SOCKETS HAVE THE STANDARD .100" CONTACT SPACING WHICH WILL ALLOW THESE SOCKETS TO HAVE MANY INDUSTRIAL, OEM AND CONSUMER APPLICATIONS.



- HOUSING MATERIAL: BLUE GLASS POLYESTER, UL 94V-0 CLASSIFICATION
- CONTACT MATERIAL: PHOSPHOR BRONZE
- CONTACT RATING: 1.5 AMP CONTACT RESISTANCE: < 10 M OHMS
- OPERATING TEMPERATURE: -40°C TO +120°C INSULATION RESISTANCE: > 100 G OHMS

STOCK NO.	NO. OF PINS	CONTACT PLATING	BODY WIDTH	ROW TO ROW	MAX. BODY LENGTH	PRICE EACH				
						1	10	100	500	1000
151C008	8	TIN	.40	.300	.40	.26	.24	.19	.16	CALL FOR QUOTE
151C014	14	TIN	.40	.300	.70	.29	.27	.21	.19	
151C016	16	TIN	.40	.300	.80	.34	.31	.22	.19	
ME151-8018	18	TIN	.40	.300	.90	.36	.24	.22	.20	
ME151-8020	20	TIN	.40	.300	1.00	.39	.26	.24	.22	
ME151-8024	24	TIN	.70	.600	1.20	.48	.32	.29	.26	
ME151-8028	28	TIN	.70	.600	1.40	.56	.37	.34	.31	
ME151-8040	40	TIN	.70	.600	2.00	.69	.53	.48	.44	

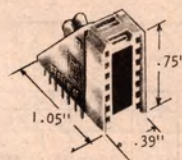
## ECONOMY MODEL VERTISOCKET

THESE LOW COST VERTISOCKETS ARE RECOMMENDED FOR HIGH VOLUME VERTICAL DISPLAY MOUNTING APPLICATIONS. SERIES 800 VERTISOCKETS CAN BE FIRMLY MOUNTED ONTO GANGED SPACER BARS WITH PUSH-FIT BUTTONS ON THE VERTISOCKET BODY.

VERY USEFUL FOR JUMPING BOARD-TO-BOARD AND FOR DIP SWITCHES AS WELL AS LED DEVICES.

**SERIES 800**  
BIFURCATED CONTACTS  
300 Center 14 Pin

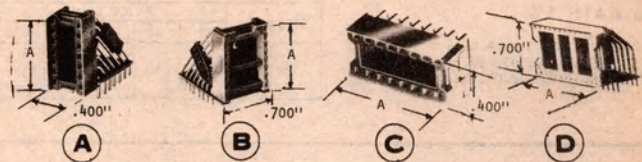
- 14 PIN SOCKET
- RIGHT ANGLE



CONTACTS: GRADE A SPRING TEMPER PHOSPHOR BRONZE QQ-B-7500.  
PLATING: AVAILABLE TIN PLATED ONLY.  
SOCKET: GLASS FILLED THERMOPLASTIC.

STOCK NO.	PRICE EACH			
	1	100	500	1000
535-14-810-90R	1.58	1.40	1.26	CALL FOR QUOTE

## HIGH QUALITY VERTISOCKETS



Vertical Mounting / Horizontal Mounting

BIFURCATED CONTACTS

THESE QUALITY-MADE VERTICAL AND HORIZONTAL VERTISOCKETS OFFER A NEW WAY OF PACKAGING LED'S, INCANDESCENT LAMPS, DIP SWITCHES, TEST POINTS, ETC. THE VARIATIONS OF MOUNTING POSITIONS AND PIN CONFIGURATION GIVE A WIDE LATITUDE OF FREEDOM TO THE DESIGNER. SOCKETS ARE GLASS FILLED THERMOPLASTIC AND CONTACTS CONSIST OF GRADE A TEMPER PHOSPHOR BRONZE QQ-B-7500.



STOCK NO.	FIG	A DIM.	NO. OF PINS	MOUNTING CENTER	PRICE EACH			
					1	100	500	1000
535-14-810-90T	A	.75"	14	.300"	2.46	2.18	1.97	CALL FOR QUOTE
535-14-820-90T	C	.75"	14	.300"	1.99	1.79	1.62	
535-16-820-90T	C	.85"	16	.300"	2.16	1.91	1.73	
535-14-6823-90T	D	.75"	14	.600"	2.45	2.17	1.94	



# MOUSER® Power Resistors

## CERAMIC WIREWOUND POWER RESISTORS

AXIAL LEAD, RECTANGULAR CERAMIC CASE POWER RESISTORS. EACH RESISTOR IS PRECISION WOUND ON A GLASS FIBER CORE. RESISTOR VALUE REMAINS STABLE EVEN IN HIGH AMBIENT TEMPERATURE APPLICATIONS.



• CERAMIC FLAME RETARDANT PACKAGE.

### CROSS REFERENCE

MOUSER	DALE	TRW/IRC
28PRO03	CP-3	PW-3
28PRO04	CP-5	PW-5
28PRO05	CP-5	PW-5
28PRO09	CP-10	PW-10
28PRO10	CP-10	PW-10

DIMENSIONS (INCHES)			
	L	W	H
WATT RATING			
3	.85	.33	.33
5	.85	.40	.38
10	1.86	.40	.40

### SPECIFY STOCK NO. AND VALUES WHEN ORDERING

• ALL VALUES BELOW ARE LISTED IN OHMS

#### 3 WATT 10%

0.1, 0.22, 0.27, 0.33, 0.47, 0.51, 0.56, 0.82, 1.0, 2.0, 3.0, 4.0, 5.0, 10, 40, 50, 100, 3K, 5K, 10K

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
28PRO03	.36	.33	.30	.28	CALL FOR QUOTE

#### 5 WATT 5%

0.1, 0.15, 0.22, 0.33, .47, 0.51, 0.68, 1.0, 2.0, 3.0, 4.0, 5.0, 7.5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 120, 150, 200, 250, 300, 350, 400, 500, 1.0K, 1.2K, 2.0K, 3.0K, 5.0K, 10K

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
28PRO04	.45	.37	.28	.22	CALL FOR QUOTE

#### 5 WATT 10%

0.15, 0.22, 0.27, 0.33, 0.47, 0.51, 0.56, 0.68, 0.82, 1.0, 2.0, 3.0, 4.0, 5.0, 7.5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 120, 150, 200, 250, 300, 350, 400, 500, 1.0K, 1.2K, 2.0K, 3.0K, 5.0K, 10K

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
28PRO05	.35	.29	.23	.18	CALL FOR QUOTE

#### 10 WATT 5%

.47, 1.0, 2.0, 3.0, 4.0, 5.0, 7.5, 10, 15, 20, 25, 40, 47, 50, 75, 100, 125, 150, 350, 1.0K, 2.0K, 3K, 5.0K, 10K

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
28PRO09	.55	.40	.31	.22	CALL FOR QUOTE

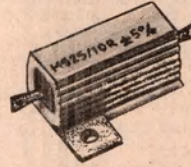
#### 10 WATT 10%

.1, .47, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 7.5, 10, 15, 20, 25, 30, 40, 47, 50, 75, 100, 125, 150, 200, 250, 300, 350, 400, 500, 600, 750, 800, 820, 1.0K, 1.2K, 1.5K, 2.0K, 3K, 3.3K, 5.0K, 10K, 20K, 25K

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
28PRO10	.45	.31	.25	.20	CALL FOR QUOTE

## ALUMINUM HOUSED RESISTORS

• 5% • HIGH LEVEL VOLTAGE PROTECTION



### SPECIFICATIONS

- INSULATION RESISTANCE: 10,000 OHM
- DIELECTRIC STRENGTH: 1000 VAC PEAK
- RESISTANT ELEMENT: COPPER-NICKEL ALLOY OR NICKEL CHROME ALLOY
- HOUSING: ANODIZED ALUMINUM
- CORE MATERIAL: HIGH ALUMINA CERAMIC

### FEATURES

- ANODIZED ALUMINUM HOUSING ENSURES GOOD HUMIDITY SEAL
- TERMINATIONS ARE SOLDER COATED COPPER

### CROSS REFERENCE

MOUSER NO.	DALE	KELVIN
ME284-HS10	RH-5	KC500
ME284-HS15	RH-10	KC1000
ME284-HS25	RH-25	
ME284-HS50	RH-50	

### DIMENSIONS (INCHES)

WATT RATING	BODY LENGTH	LEAD LENGTH	HEIGHT	WIDTH
10	.63	.28	.35	.67
15	.79	.33	.43	.83
25	1.1	.45	.59	1.10
50	2.01	.42	.67	1.18

### SPECIFY STOCK NO. AND VALUES WHEN ORDERING

#### 10 WATT 5%

0.1, 0.15, 0.22, 0.27, 0.33, 0.47, 0.5, 0.51, 0.56, 0.68, 0.82, 1.0, 2.0, 3.0, 4.0, 5.0, 7.5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 120, 150, 200, 250, 500, 1.0K, 1.5K, 2.0K, 3.0K, 3.3K, 5.0K

STOCK NO.	VALUE OHMS	PRICE EACH				
		1	10	50	100	500
ME284-HS10-VALUE	0.1-1.0 2.0-2.0K 3.0K-5.0K	2.69 2.49 2.61	2.05 1.95 1.99	1.86 1.77 1.81	1.69 1.59 1.61	CALL FOR QUOTE

#### 15 WATT 5%

0.1, 0.15, 0.22, 0.27, 0.33, 0.47, 0.5, 0.51, 0.56, 0.68, 0.82, 1.0, 2.0, 3.0, 4.0, 5.0, 7.5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 120, 150, 200, 250, 500, 1.0K, 1.5K, 2.0K, 3.0K, 3.3K, 5.0K

STOCK NO.	VALUE OHMS	PRICE EACH				
		1	10	50	100	500
ME284-HS15-VALUE	0.1-1.0 2.0-5.0K	2.92 2.61	2.22 1.99	1.99 1.81	1.82 1.61	CALL FOR QUOTE

### EXPANDED VALUES NOW AVAILABLE

#### 25 WATT 5%

.10, .22, 0.47, 1.0, 1.5, 2.0, 2.2, 4.7, 5.0, 7.5, 10, 22, 25, 47, 50, 100, 220, 470, 1K

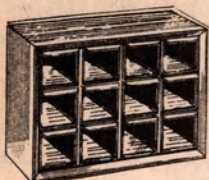
STOCK NO.	VALUE OHMS	PRICE EACH				
		1	10	50	100	500
ME284-HS25-VALUE	.10-0.47 1.0-1K	4.09 3.36	3.19 2.61	2.89 2.36	2.59 2.11	CALL FOR QUOTE

### EXPANDED VALUES NOW AVAILABLE

#### 50 WATT 5%

.10, .22, 0.47, 1.0, 1.5, 2.0, 2.2, 4.7, 5.0, 7.5, 10, 22, 25, 47, 50, 100, 220, 470, 1K

STOCK NO.	VALUE OHMS	PRICE EACH				
		1	10	50	100	500
ME284-HS50-VALUE	.10-0.47 1.0-1K	4.29 3.74	3.29 2.99	2.99 2.72	2.69 2.36	CALL FOR QUOTE



## WIREWOUND POWER RESISTOR ASSORTMENTS

### 5 WATT 10% DELUXE KIT

DELUXE LAB KIT CONTAINS 5 EACH OF THE 24 MOST POPULAR VALUES. TOTAL 120 PCS.

STOCK NO.	PRICE EACH
37-28PR5-2	34.95

### 3 WATT 10% DELUXE KIT

DELUXE LAB KIT CONTAINS 5 EACH OF THE 12 MOST POPULAR VALUES. TOTAL 60 PCS.

STOCK NO.	PRICE EACH
37-28PR3-2	\$19.95

### 10 WATT 10% DELUXE KIT

DELUXE LAB KIT CONTAINS 5 EACH OF THE 24 MOST POPULAR VALUES. TOTAL 120 PCS.

STOCK NO.	PRICE EACH
37-28PR10-2	39.95



# MOUSER® Power Resistors

## MOUSER® SILICONE-COATED POWER RESISTORS • 5% • WIREWOUND

THESE SILICONE-CEMENT-COATED POWER RESISTORS FEATURE ALL-WELDED CONSTRUCTION FOR HIGH RELIABILITY.

### 3 WATT

#### FEATURES

- HIGH STABILITY
- HIGH RELIABILITY
- EXCELLENT INSULATION RESISTANCE

#### SPECIFICATIONS

- TOLERANCE:  $\pm 5\%$
- RATED WATTAGE: 3 WATTS
- MAXIMUM VOLTAGE: 125V
- DIMENSIONS: .22" DIA. x 0.5"
- LEAD LENGTH: 1.5"



#### CROSS REFERENCE

MOUSER NO.	CLAROSTAT
ME285-KNA412	VC SERIES

#### TABLE OF VALUES (OHMS)

.1, .15, .22, .27, .33, .56, 1.0, 5.1, 10, 15, 22, 25, 27, 33, 50, 56, 75, 100, 150, 200, 2K, 3.3K, 5K, 5.1K
--

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
ME285-KNA412-VALUE	.70	.56	.51	.41	CALL FOR QUOTE

## MOUSER® SILICONE-COATED POWER RESISTORS • 5% • WIRE WOUND

THESE ALL-WELDED, SILICONE-CEMENT-COATED POWER RESISTORS SAVE SPACE AND HAVE THE HIGHEST RELIABILITY.

### 6 WATT

#### FEATURES

- HIGH STABILITY
- HIGH RELIABILITY
- MECHANICAL RUGGEDNESS
- EXCELLENT INSULATION RESISTANCE

#### SPECIFICATIONS

- TOLERANCE:  $\pm 5\%$
- RATED WATTAGE: 6 WATTS
- LEAD LENGTH: 1.5"
- DIMENSIONS: .275" DIA. x .83"



#### CROSS REFERENCE

MOUSER NO.	CLAROSTAT
ME285-KNA620	VC5E

0.1, 0.15, 0.22, 0.27, 0.33, 0.47, 0.5, 0.51, 0.56, 0.68, 0.82, 1, 2, 3, 3.3, 4, 5, 7.5, 10, 15, 20, 22, 25, 30, 40, 50, 75, 100, 120, 150, 200, 250, 510, 1K, 1.5K, 2K, 3K, 3.3K, 5K
---

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
ME285-KNA620-VALUE	.99	.62	.59	.53	CALL FOR QUOTE

## MOUSER® SILICONE-COATED POWER RESISTORS • 5% • WIREWOUND

THESE SILICONE-CEMENT-COATED POWER RESISTORS FEATURE ALL-WELDED CONSTRUCTION FOR HIGH RELIABILITY.

### 10 WATT

#### FEATURES

- HIGH STABILITY
- HIGH RELIABILITY
- EXCELLENT INSULATION RESISTANCE

#### SPECIFICATIONS

- TOLERANCE:  $\pm 5\%$
- RATED WATTAGE: 10 WATTS
- MAXIMUM VOLTAGE: 700V
- DIMENSIONS: .394" DIA. x 1.85"
- LEAD LENGTH: 1.5"



#### CROSS REFERENCE

MOUSER NO.	CLAROSTAT
ME285-KNA833	VC SERIES

#### TABLE OF VALUES (OHMS)

.1, .15, .22, .27, .33, .56, 1.0, 5.0, 10, 25, 50, 56, 75, 100, 150, 200, 2K, 3.3K, 5K
--

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
ME285-KNA833-VALUE	.99	.82	.74	.64	CALL FOR QUOTE

## MOUSER® MOLDED VITREOUS-ENAMEL RESISTORS • WIREWOUND

THESE VITREOUS-ENAMEL POWER RESISTORS FEATURE ALL-WELDED CONSTRUCTION FOR HIGH RELIABILITY.

### 4 WATT

#### FEATURES

- HIGH STABILITY
- HIGH RELIABILITY
- EXCELLENT INSULATION RESISTANCE

#### SPECIFICATIONS

- TOLERANCE:  $\pm 5\%$
- RATED WATTAGE: 4 WATTS
- MAXIMUM VOLTAGE: 125V
- DIMENSIONS: .22" DIA. x 0.5"
- LEAD LENGTH: 1.5"



#### CROSS REFERENCE

MOUSER NO.	OHMITE
ME285-VNA412	SERIES 99

#### TABLE OF VALUES (OHMS)

.1, .15, .22, .27, .33, .56, 1.0, 5.0, 10, 22, 25, 50, 56, 75, 100, 150, 200, 2K, 3.3K, 5K
--

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
ME285-VNA412-VALUE	.90	.70	.63	.56	CALL FOR QUOTE

## MOUSER® MOLDED VITREOUS-ENAMEL RESISTORS • 5% • WIRE WOUND

THESE ALL-WELDED, VITREOUS-ENAMEL POWER RESISTORS SAVE SPACE AND HAVE THE HIGHEST RELIABILITY.

### 7 WATT

#### FEATURES

- HIGH STABILITY
- HIGH RELIABILITY
- MECHANICAL RUGGEDNESS
- EXCELLENT INSULATION RESISTANCE

#### SPECIFICATIONS

- TOLERANCE:  $\pm 5\%$
- RATED WATTAGE: 7 WATTS
- LEAD LENGTH: 1.5"
- DIMENSIONS: .275" DIA. x .83"



#### CROSS REFERENCE

MOUSER NO.	OHMITE
ME285-VNA620	995-5B

#### TABLE OF VALUES (OHMS)

0.1, 0.15, 0.22, 0.27, 0.33, 0.47, 0.5, 0.51, 0.56, 0.68, 0.82, 1, 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 120, 150, 200, 250, 500, 1K, 1.5K, 2K, 3K, 3.3K, 5K
--

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
ME285-VNA620-VALUE	1.04	.67	.61	.55	CALL FOR QUOTE

## MOUSER® MOLDED VITREOUS-ENAMEL RESISTORS • 5% • WIREWOUND

THESE VITREOUS-ENAMEL POWER RESISTORS FEATURE ALL-WELDED CONSTRUCTION FOR HIGH RELIABILITY.

### 15 WATT

#### FEATURES

- HIGH STABILITY
- HIGH RELIABILITY
- EXCELLENT INSULATION RESISTANCE

#### SPECIFICATIONS

- TOLERANCE:  $\pm 5\%$
- RATED WATTAGE: 15 WATTS
- MAXIMUM VOLTAGE: 550V
- DIMENSIONS: .394" DIA. x 1.42"
- LEAD LENGTH: 1.5"



#### CROSS REFERENCE

MOUSER NO.	OHMITE
ME285-VNA844	995-15A

#### TABLE OF VALUES (OHMS)

.1, .15, .22, .27, .33, .56, 1.0, 5.0, 10, 25, 50, 75, 100, 150, 200, 2K, 3.3K, 5K
--

STOCK NO.	PRICE EACH				
	1	10	100	500	1000
ME285-VNA844-VALUE	1.43	1.14	.99	.92	CALL FOR QUOTE

"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.

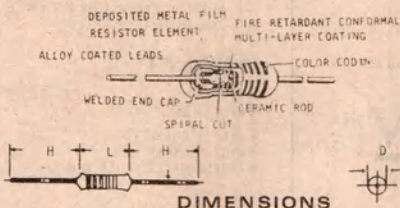


# MOUSER® Metal Film Resistors

1% 1/8 WATT, 1/4 WATT OR 1/2 WATT (50 OR 100 PPM)

MOUSER'S METAL FILM RESISTORS ARE EPOXY COATED MINIATURES OF NICKEL CHROMIUM CERAMIC SUBSTRATE CONSTRUCTION. THIS RESISTOR IS PRODUCED ON A COMPLETELY AUTOMATED LINE WHICH INSURES UNIFORM QUALITY AND HIGH STABILITY. THESE ALSO FEATURE LOW CURRENT NOISE AND LOW COST. NOT MIL RATED BUT COMPARABLE MIL STD MIL-R-226684 FOR RL20 AND MIL-R10509F FOR RM60.

REQUIREMENTS	CHARACTERISTICS	TEST METHOD MIL-R-10509F
Operating Temp. Range	55 C (155 F)	—
Temp. Coefficient (ppm/C)	±100	4.6.12
Temp. Cycling	(-0.5% - 0.05%)	4.6.4
Low Temp. Operation	(-0.5% - 0.05%)	4.6.5
Short Time Overload	(-0.5% - 0.05%)	4.6.6
Terminal Strength	(-0.5% - 0.05%)	4.6.7
Dielectric Withstanding V.	(-0.5% - 0.05%)	4.6.8
Insulation Resistance	Over 10 <sup>10</sup> M	4.6.9
Effect of Soldering	(-0.5% - 0.05%)	4.6.10
Load Life	(-1% - 0.05%)	4.6.13
Moisture Resistance	(-1% - 0.05%)	MIL-R-226684 4.6.10
Storage	(-0.2% - 0.05%)	Shelfed for one year in a room of normal temp. and humidity.



DIMENSIONS

STYLE	DIMENSIONS (INCHES)			
	L	H	D	d
ME278	.15	1.1	.06	.02
ME271	.25	1.18	.09	.02
29MF250	.26	1.1	.09	.02
29MF500	.37	1.1	.15	.02

CROSS REFERENCE

MOUSER	DALE	TRW/IRC
29MF250	CHP-60/CHP-07	RG07/RG1/4
29MF500	CHP-65/CHP-20	RG20/T060

CROSS REFERENCE

MOUSER	DALE	TRW/IRC	STACKPOLE	CORNING
29MF250	CHP-60/CHP-07	RG07/RG1/4	RN1/4	NA60/NE60/CL
29MF500	CHP-65/CHP-20	RG20/T060	RN1/2	C07/T4/NA65/NE65/CS/CS20

ME278	1%	100 PPM	1/8 WATT	VALUES IN OHMS
ME271	1%	50 PPM	1/4 WATT	
29MF250	1%	100 PPM	1/2 WATT	
10	90.9	475	2.21K	5.1K 13K 33.2K 69.8K 357K
12.1	100	499	2.49K	5.11K 15K 36.5K 75.0K 392K
15	121	560	2.67K	5.62K 15.8K 38.3K 82.5K 470K
18.2	150	565	2.7K	6.19K 16.9K 39.2K 90.9K 475K
22.1	182	604	2.74K	6.8K 17.4K 40.2K 95.3K 487K
27.4	200	680	3.01K	6.81K 18K 44.2K 100K 499K
30.1	220	681	3.3K	7.5K 18.2K 46.4K 121K 562K
33.2	221	750	3.32K	8.06K 20K 47K 150K 604K
36.5	249	806	3.48K	8.25K 22K 47.5K 182K 1.0M
39.2	270	825	3.57K	8.45K 22.1K 49.9K 200K 1.5M
47	274	909	3.83K	9.09K 22.6K 51K 220K 2.2M
47.5	301	1K	3.9K	9.31K 23.7K 51.1K 221K
49.9	330	1.2K	3.92K	9.53K 24.9K 53.6K 226K
51.1	332	1.21K	4.02K	10K 27K 56.2K 249K
56.2	348	1.5K	4.7K	11K 27.4K 61.9K 274K
68.1	392	1.82K	4.75K	12K 29.4K 62K 301K
75.0	402	2K	4.87K	12.1K 30.1K 68K 330K
82.5	470	2.2K	4.99K	12.4K 33K 68.1K 332K

\* AVAILABLE IN 100PPM ONLY

29MF500	1%	100 PPM	1/2 WATT	VALUES IN OHMS
4.02	82.5	499	2.49K	5.62K 13K 33.6K 69.8K 332K 732K
10	90.9	565	2.67K	6.19K 15K 36.5K 75K 357K 750K
12.1	100	604	2.74K	6.81K 15.8K 38.3K 82.5K 392K 768K
15	121	681	3.01K	7.5K 16.9K 39.2K 90.9K 475K 787K
18.2	150	750	3.32K	8.06K 17.4K 40.2K 95.3K 487K 806K
22.1	182	806	3.48K	8.25K 18.2K 44.2K 100K 499K 825K
27.4	200	825	3.57K	8.45K 20K 46.4K 121K 562K 845K
30.1	221	909	3.83K	9.09K 22K 47K 150K 604K 866K
33.2	249	1K	3.92K	9.31K 22.6K 47.5K 182K 619K 887K
39.2	274	1.2K	4.02K	9.53K 23.7K 49K 200K 634K 909K
47.5	301	1.21K	4.7K	10K 24.9K 51.1K 221K 649K 931K
49.9	332	1.5K	4.75K	11K 27.4K 53.6K 226K 665K 953K
51.1	348	1.82K	4.87K	12K 29.4K 56.2K 249K 681K 976K
56.2	392	2K	4.99K	12.1K 30.1K 61.9K 274K 698K 1.0M
68.1	402	2.2K	5.11K	12.4K 33.2K 68.1K 330K 715K
75	475	2.21K		

MINIMUM ORDER 5 PIECES

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	DESCRIPTION	MAX WORKING VOLTAGE	STANDARD PACKAGES					
			5	100	200	1000	10,000	25,000
			PER VALUE	PER VALUE	PER VALUE	PER VALUE	ASST'D	ASST'D
PRICE PER PIECE								
ME278	1/8 W 100 PPM 1%	250 V	.12	.083	.07	.042	.039	CALL
ME271	1/4 W 50 PPM 1%	250 V	.12	.083	.07	.033	.03	FOR
29MF250	1/4 W 100 PPM 1%	250 V	.09	.059	.049	.022	.018	QUOTE
29MF500	1/2 W 100 PPM 1%	350 V	.10	.077	.065	.042	.039	

## METAL OXIDE POWER RESISTORS

FLAME-PROOF METAL OXIDE POWER RESISTORS

### FEATURES:

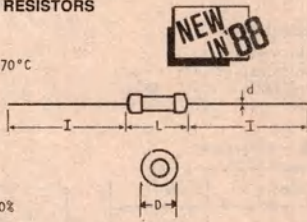
RATED POWER AT AMBIENT TEMPERATURE OF 70°C  
SMALL TEMPERATURE COEFFICIENT  
THERMALLY STABLE

### SPECIFICATIONS:

TEMP. RANGE: -55°C TO 200°C  
TEMP. COEFFICIENT: ± 350 PPM/°C

### RESISTANCE CHANGE:

FULL LOAD FOR 15 MIN. @ -55°C: <1.0%  
OVERLOAD FOR 5 SEC. (10 X RATING): <1.0%  
MOISTURE LOAD LIFE  
(40°C @ 95% RH FOR 500 HRS.): <5.0%  
LOAD LIFE (70°C FOR 1000 HRS.): <5.0%  
HEAT (200°C FOR 1 HR.): <1.0%



CROSS REFERENCE

MOUSER	STACKPOLE	MICRO-OHM
ME261	RS-1	RSF-1B
ME262	RS-2	RSF-2B

### 1-WATT 5%

TABLE OF VALUES (OHMS)
0.68 10 75 470 3.0K 15K
0.82 15 82 510 3.3K 18K
1.0 18 100 560 3.9K 20K
1.5 22 120 620 4.7K 22K
2.2 24 150 680 5.1K 27K
2.7 27 180 750 5.6K 33K
3.0 33 200 820 6.2K 39K
3.3 36 220 1.0K 6.8K 47K
3.9 39 240 1.1K 7.5K 56K
4.7 43 270 1.2K 8.2K 68K
5.1 47 300 1.5K 9.1K
5.6 51 330 2.0K 10K
6.8 56 360 2.2K 12K
8.2 68 390 2.7K 13K

### 2-WATT 5%

TABLE OF VALUES (OHMS)
0.50 6.8 56 360 2.2K 12K
0.68 8.2 68 390 2.7K 13K
0.82 10 75 470 3.0K 15K
1.0 15 82 510 3.3K 18K
1.5 18 100 560 3.9K 20K
2.2 22 120 620 4.7K 22K
2.4 24 150 680 5.1K 27K
2.7 27 180 750 5.6K 33K
3.0 33 200 820 6.2K 39K
3.3 36 220 1.0K 6.8K 47K
3.9 39 240 1.1K 7.5K 56K
4.7 43 270 1.2K 8.2K 68K
5.1 47 300 1.5K 9.1K
5.6 51 330 2.0K 10K

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	RATED POWER (WATTS)	VALUE RANGE (OHMS)	DIMENSIONS (INCHES)				STANDARD PACKAGES				
			L	D	I (MIN)	d	5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 PER VALUE	25,000 PER VALUE
			PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE
ME261-VALUE	1	0.68-68K	.472	.177	1.06	.03	.13	.09	.08	.07	CALL FOR QUOTE

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	RATED POWER (WATTS)	VALUE RANGE (OHMS)	DIMENSIONS (INCHES)				STANDARD PACKAGES				
			L	D	I (MIN)	d	5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 PER VALUE	25,000 PER VALUE
			PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE
ME262-VALUE	2	0.5-68K	.63	.217	1.06	.03	.19	.12	.11	.10	CALL FOR QUOTE

## METAL FILM RESISTORS

1&2-WATT 5%

### CROSS REFERENCE

MOUSER	DALE	TRW/IRC	STACKPOLE
ME276	HF-1	MEF	M1
ME274	HF-2	MEH	—

### SPECIFICATIONS

TEMP. RANGE: -55°C TO 200°C  
TEMP. COEFFICIENT: ± 500 PPM/°C

### RESISTANCE CHANGE

FULL LOAD FOR 15 MIN. @ -55°C: <0.5%  
OVERLOAD FOR 5 SEC. (10 X RATING): <0.5%  
MOISTURE LOAD LIFE (40°C @ 95% RH FOR 500HRS.): <1.0%  
LOAD LIFE (70°C FOR 1000 HRS.): <1.0%  
HEAT (200°C FOR 1 HR.): <0.5%

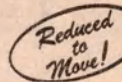


Table of Values (ohms)

0.39	1.5	3.6	8.2	18
0.68	1.6	3.9	9.1	20
0.82	1.8	4.3	10 <sup>+</sup>	22 <sup>+</sup>
1.1	2.2 <sup>+</sup>	4.7	11	
1.2	2.4	5.1	12 <sup>+</sup>	
1.3	2.7	6.2	13	
	3.3	6.8	15 <sup>+</sup>	
		7.5	16	

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	RATED POWER	VALUE RANGE	DIMENSIONS (INCHES)				STANDARD PACKAGES				
			L	D	I (MIN)	d	5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 PER VALUE	25,000 PER VALUE
			PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE
ME276	1	.22-0.5	.51	.18	1.06	.03	.13	.081	.066	.061	CALL FOR QUOTE
ME276	1	.68-22	.51	.18	1.06	.03	.13	.081	.066	.061	
ME274	2	.22-0.5	.59	.2	1.14	.03	.18	.099	.086	.081	
ME274	2	.68-22	.59	.2	1.14	.03	.18	.099	.086	.081	

## METAL OXIDE RESISTORS

1&2-WATT 5%

### CROSS REFERENCE

MOUSER	CORNING	TRW/IRC
ME277	FF1/2	BW20, RG20
ME275	—	BWF

### SPECIFICATIONS

TEMP. RANGE: -55°C TO 200°C  
TEMP. COEFFICIENT: ± 350 PPM/°C

### RESISTANCE CHANGE

FULL LOAD FOR 15 MIN. @ -55°C: <0.5%  
OVERLOAD FOR 5 SEC. (10 X RATING): <0.5%  
MOISTURE LOAD LIFE  
(40°C @ 95% RH FOR 500HRS.): <1.0%  
LOAD LIFE (70°C FOR 1000 HRS.): <1.0%  
HEAT (200°C FOR 1 HR.): <0.5%

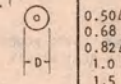


Table of Values (ohms)

0.50Ω	15Ω	91	510	2.4K	11K
0.68	18Ω	100	560 <sup>+</sup>	2.7K <sup>+</sup>	12K
0.82	22Ω	110	620	3.0K	13K <sup>+</sup>
1.0	24Ω	120	680Ω	3.2K	16K <sup>+</sup>
1.5	27 <sup>+</sup>	130	750	3.3K	18K
2.2	30	150	820	3.6K	20K <sup>+</sup>
2.4	36	160	910	3.9K	22K
2.7	39	180	1.0K	4.3K	24K <sup>+</sup>
3.3	43	200	1.1K	4.7K	27K <sup>+</sup>
3.9	47	220 <sup>+</sup>	1.2KΩ	5.1K	30K
4.7	51	240	1.3K <sup>+</sup>	5.6K	33K
5.1	56	270	1.5K	6.2KΩ	36K
5.6	62	300	1.6K	6.8K	39K
6.8	68Ω	330	1.8K	7.5K	43KΩ
8.2	75Ω	360	2.1K	8.2K	51KΩ
10 <sup>+</sup>	82	390	2.2K	9.1K <sup>+</sup>	56KΩ
			430Ω		10K

\*MULTIPLES OF 1000 PER VALUE

STOCK NO.	RATED POWER	VALUE RANGE	DIMENSIONS (INCHES)				STANDARD PACKAGES				
			L	D	I (MIN)	d	5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 PER VALUE	25,000 PER VALUE
			PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE	PER VALUE
ME277	1	24-39K	.51	.18	1.06	.03	.13	.081	.066	.061	CALL FOR QUOTE
ME275	2	24-56K	.59	.2	1.14	.03	.18	.099	.086	.081	



# MOUSER<sup>®</sup> Carbon Film Resistors

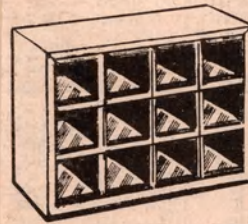
## SPECIFICATIONS

- TYPICAL DISSIPATION AT  $T_a=70^{\circ}\text{C}$ :  
(1/8 WATT) .125W (1/2 WATT) 0.5W  
(1/4 WATT) 0.25W (1 WATT) 1.0W
- MAXIMUM VOLTAGE: (1/4 WATT) 250V  
(1 WATT) 500V (1/2 WATT) 350V
- OPERATING TEMP. RANGE:  $-55^{\circ}\text{C}$  +  $155^{\circ}\text{C}$
- DIELECTRIC WITHSTANDING VOLTAGE: 750V-
- FAILURE RATE: 10.9/h
- INSULATION RESISTANCE:  $\approx 1,000$  Megohm
- SHORT TIME OVERLOAD VOLTAGE: (1/8 WATT) 200V  
(1/2 WATT) 700 (1 WATT) 1000V (1/4 WATT) 500V
- VIBRATION: 0.25% • TORSION: 0.25%
- SHOCK: 0.25% • SOLDERING: 0.25%
- BENDING: 0.25% • SHORT TIME OVERLOAD: 1%
- TEMP. CYCLING: 0.25%

### CROSS REFERENCE:

MOUSER	R-OHM	PIHER	STACKPOLE	DALE
ME299	R-10	—	—	SBA
29SJ250	R-25	PR-25	CF07	SBB
29SJ500	R-50	PR-50	CF20	SBC
29SJ901	—	PR-01	—	SBF

## CARBON FILM RESISTOR KITS



EACH KIT CONTAINS  
10 EACH OF MOST  
POPULAR ITEMS OF  
OHMS RANGE SHOWN.  
COMES IN A STURDY  
PLASTIC CABINET.

STOCK NO.	OHMS RANGE	TOTAL PIECES	PRICE EACH
37-29SJ250-1	10-1M	600	26.95
37-29SJ500-1	10-1M	600	39.95
37-29SJ901-1	2.2-100K	270	22.95

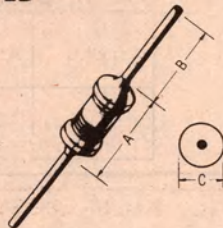
## CARBON FILM RESISTORS

1/8 WATT 1/4 WATT 1/2 WATT 1 WATT

5% TOLERANCE

### RANGE OF VALUES EXPANDED

- EXCELLENT SOLDERABILITY
- HEAT STABLE
- STANDARD EIA COLOR CODE
- MOISTURE STABLE
- LOW NOISE
- EXCELLENT RELIABILITY



ME299 1/8 WATT  
29SJ250 1/4 WATT

1.0	10	51	270	1.3K	6.8K	36K	180K	1.0M
2.0	11	56	300	1.5K	7.5K	39K	200K	1.1M
2.2	12	62	330	1.6K	8.2K	43K	220K	1.2M
2.4	13	68	360	1.8K	9.1K	47K	240K	1.3M
2.7	15	75	390	2.0K	10K	51K	270K	1.5M
3.0	16	82	430	2.2K	11K	56K	300K	1.6M
3.3	18	91	470	2.4K	12K	62K	330K	1.8M
3.6	20	100	510	2.7K	13K	68K	360K	2.0M
3.9	22	110	560	3.0K	15K	75K	390K	2.2M
4.3	24	120	620	3.2K	16K	82K	430K	2.7M
4.7	27	130	680	3.3K	18K	91K	470K	3.3M
5.1	30	150	750	3.6K	20K	100K	510K	3.9M
5.6	33	160	820	3.9K	22K	110K	560K	4.7M
6.2	36	180	910	4.3K	24K	120K	620K	5.6M
6.8	39	200	1.0K	4.7K	27K	130K	680K	6.8M
7.5	43	220	1.1K	5.1K	30K	150K	750K	8.2M
8.2	47	240	1.2K	5.6K	33K	160K	820K	10M
9.1				6.2K			910K	

29SJ500 1/2 WATT

2.2	10	51	240	1.1K	5.6K	27K	120K	560K
2.4	11	56	270	1.2K	6.2K	30K	130K	620K
2.7	13	62	300	1.3K	6.8K	33K	150K	680K
3.0	15	68	330	1.5K	7.5K	36K	160K	750K
3.3	16	75	360	1.6K	8.2K	39K	180K	820K
3.6	18	82	390	1.8K	9.1K	43K	200K	910K
3.9	20	91	430	2.0K	10K	47K	220K	1.0M
4.3	22	100	470	2.2K	11K	51K	240K	1.1M
4.7	24	110	510	2.4K	12K	56K	270K	1.2M
5.1	27	120	560	2.7K	13K	62K	300K	1.3M
5.6	30	130	620	3.0K	15K	68K	330K	1.5M
6.2	33	150	680	3.3K	16K	75K	360K	1.6M
6.8	36	160	750	3.6K	18K	82K	390K	1.8M
7.5	39	180	820	3.9K	20K	91K	430K	2.0M
8.2	43	200	910	4.3K	22K	100K	470K	2.2M
9.1	47	220	1.0K	4.7K	24K	110K	510K	3.3M
				5.1K				

29SJ901 1 WATT

2.2	82	3.3K
2.7	100	3.9K
3.3	120	4.7K
3.9	150	5.6K
4.7	180	6.8K
5.6	220	8.2K
6.8	270	10K
8.2	330	12K
10	390	15K
12	470	18K
15	560	22K
18	680	27K
22	820	33K
27	1.0K	39K
33	1.2K	47K
39	1.5K	56K
47	1.8K	68K
56	2.2K	82K
68	2.7K	100K

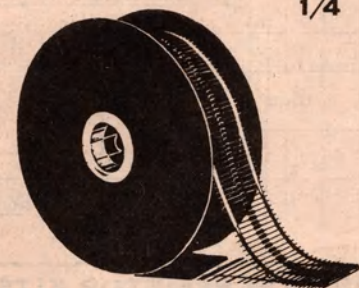
## TAPE AND REEL CARBON FILM RESISTORS

1/4 & 1/2-WATT

5% TOLERANCE

THESE HIGH QUALITY, CARBON FILM RESISTORS, THE SAME AS THE CARBON FILM RESISTORS FEATURED ABOVE, ARE NOW AVAILABLE IN TAPE AND REEL FORM.

THE ADDED BENEFIT OF THE TAPE AND REEL FORM PROMOTES RAPID INSERTION.

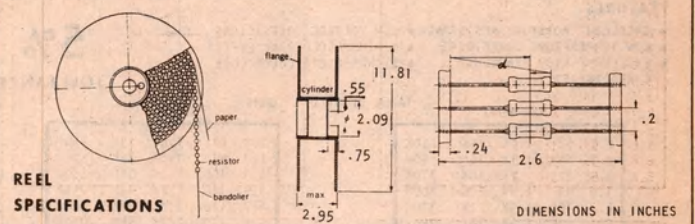


SOLD ONLY BY THE REEL

1/4 WATT (29AB250)  
5000 PIECES PER REEL

1/2-WATT (29AB500)  
3000 PIECES PER REEL

STOCK NO.	WATT	PIECE PER REEL	PRICE EACH				
			1	5	10	25	50
29AB250	1/4	5000	43.13	40.99	35.68	33.99	CALL FOR QUOTE
29AB500	1/2	3000	52.50	49.99	47.50	44.95	CALL FOR QUOTE



### VALUES IN OHMS

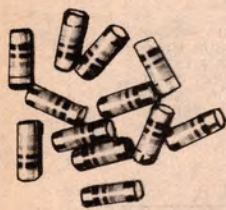
2.2	10	47	220	1.0K	5.1K	24K	110K	510K
2.4	11	51	240	1.1K	5.6K	27K	120K	560K
2.7	12	56	270	1.2K	6.2K	30K	130K	620K
3.0	13	62	300	1.3K	6.8K	33K	150K	680K
3.3	15	68	330	1.5K	7.5K	36K	160K	750K
3.6	16	75	360	1.6K	8.2K	39K	180K	820K
3.9	18	82	390	1.8K	9.1K	43K	200K	910K
4.3	20	91	430	2.0K	10K	47K	220K	1.0M
4.7	22	100	470	2.2K	11K	51K	240K	1.1M
5.1	24	110	510	2.4K	12K	56K	270K	1.2M
5.6	27	120	560	2.7K	13K	62K	300K	1.3M
6.2	30	130	620	3.0K	15K	68K	330K	1.5M
6.8	33	150	680	3.3K	16K	75K	360K	1.6M
7.5	36	160	750	3.6K	18K	82K	390K	1.8M
8.2	39	180	820	3.9K	20K	91K	430K	2.0M
9.1	43	200	910	4.3K	22K	100K	470K	2.2M
				4.7K				2.7M

CONVENIENT "SCHEDULED DELIVERIES"

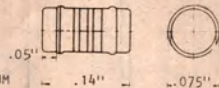


# MOUSER® Resistors

## 1/8 WATTS 5% ROUND CHIP RESISTORS



- AUDIO EQUIPMENT & ELECTRONIC TUNERS
- AUTOMOBILE ELECTRONICS
- COLOR TV & VTR EQUIPMENT
- ANY APPLICATION WHERE SPACE IS AT A PREMIUM



THESE METAL-ELECTRODE FACE BONDING CHIP RESISTORS (MELF) PERMIT HIGH DENSITY MOUNTING WITHOUT THE NEED FOR SECONDARY PACKING OF TAPING OR MAGAZINE-PACKING. THIS IS A FEATURE THAT GIVES THEM AN ADVANTAGE OVER CONVENTIONAL RESISTORS.

TABLE OF VALUES (OHMS)

2.2	22	150	1K	6.6K	47K	330K
2.7	27	180	1.2K	8.2K	56K	390K
4.7	33	220	1.5K	10K	68K	470K
5.6	39	270	1.8K	12K	82K	560K
6.8	47	330	2.2K	15K	100K	680K
8.2	56	390	2.7K	18K	120K	820K
10	68	470	3.3K	22K	150K	1M
12	82	560	3.9K	27K	180K	
15	100	680	4.7K	33K	220K	
18	120	820	5.6K	39K	270K	

\* MULTIPLES OF 1000 PER VALUE NOTE: MIN. ORDER 5PCS. PER VALUE

STOCK NO.	WATTS	TOL.	STANDARD PACKAGES				
			5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 ASST'D	25,000 ASST'D
ME296-VALUE	1/8W	5%	PRICE PER PIECE				
			.20	.052	.032	.029	CALL FOR QUOTE

## 1/8 WATTS 5% FLAT CHIP RESISTORS

### SPECIFICATIONS:

#### FEATURES

- SPACE SAVING
- COMPARABLE IN PERFORMANCE TO LARGER RESISTORS WITH LEADS

TABLE OF VALUES (OHMS)

2.2	47	180	510	1.5K	4.7K	12K	39K	110K	390K
2.7	51	200	560	1.8K	5.1K	15K	43K	120K	470K
4.7	56	220	620	2K	5.6K	18K	47K	150K	510K
5.6	68	240	680	2.2K	6.2K	20K	51K	180K	560K
10	75	270	750	2.4K	6.8K	22K	56K	200K	680K
15	82	300	820	2.7K	7.5K	24K	62K	220K	750K
22	100	330	910	3K	8.2K	27K	68K	240K	820K
27	110	390	1K	3.3K	9.1K	30K	75K	270K	1M
33	120	430	1.1K	3.6K	10K	33K	82K	330K	1.5M
39	150	470	1.2K	3.9K	11K	39K	100K	360K	2M

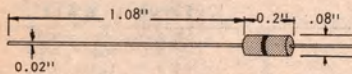
- WATTAGE: 1/8W
- TOLERANCE: 5%
- DIMENSIONS: .13" x .06"
- MOUNTING DENSITY: 60 PCS./CM<sup>2</sup> @ 1/8W INPUT, 100°C PCB TEMPERATURE AND 60% AMBIENT TEMPERATURE.

RESISTOR ELEMENT IS A HIGHLY STABLE AND RELIABLE METAL GLAZE TYPE RESISTOR MATERIAL WITH A GLASS COAT TO IMPROVE THE MECHANICAL STRENGTH. HAS EXCELLENT HIGH-FREQUENCY CHARACTERISTICS WITH REDUCED LEAD IMPEDENCE. CAN BE USED AS A PART OF THE HYBRID INTEGRATED CIRCUIT IN COMBINATION WITH THE MINI-MOLD TRANSISTOR, MINI-MOLD DIODE AND CHIP CAPACITORS.

\* MULTIPLES OF 1000 PER VALUE NOTE: MIN. ORDER 5PCS. PER VALUE

STOCK NO.	WATTS	TOL.	STANDARD PACKAGES				
			5 PER VALUE	100 PER VALUE	1000 PER VALUE	10,000 ASST'D	25,000 ASST'D
ME298-VALUE	1/8W	5%	PRICE PER PIECE				
			.20	.062	.041	.037	CALL FOR QUOTE

## ZEROHM JUMPER RESISTORS



SINGLE BLACK COLOR BAND DENOTES ZERO RESISTANCE

OUR ZERO OHM JUMPER WIRES (CROSS-OVERS) ARE IDEALLY SUITED FOR USE AS INTERCONNECTION DEVICES BETWEEN POINTS ON A PC BOARD.

- SAME SIZE AS A 1/4 WATT RESISTOR
- IDEAL FOR AUTOMATIC INSERTION OR CUT AND FORM.

### SPECIFICATIONS:

- MAXIMUM RESISTANCE: 0.01Ω
- LEAD MATERIAL: TIN PLATED COPPER
- BODY MATERIAL: ELECTRICAL GRADE HIGH PERFORMANCE MOLDING COMPOUND.
- MIN. INSULATION RESISTANCE: DRY 10,000 MEGΩ WET 100 MEGΩ
- MIN DIELECTRIC WITHSTANDING VOLTAGE: ATMOSPHERIC: 500V RMS REDUCED: 325V RMS
- INSULATION FLAMMABILITY: RESISTOR INSULATION IS SELF EXTINGUISHING WITHIN 10 SECONDS AFTER EXTERNALLY APPLIED FLAME IS REMOVED.
- CURRENT RATING: 25 AMPS AT 25°C DERATING TO 0 AMPS AT 150°C.

COMMON APPLICATIONS ARE:

- CONNECTING TWO POINTS ON A P.C. BOARD, WHEN OTHER CIRCUIT PATHS MUST BE CROSSED OVER.
- FOR LATE DESIGN CHANGES THAT REQUIRE NEW POINT CONNECTIONS.
- CIRCUIT TUNING BY CHANGING POINT CONNECTIONS.

\* MULTIPLES OF 1000 PER VALUE NOTE: MIN ORDER 5PCS.

STOCK NO.	STANDARD PACKAGES					
	5	100	200	1000	10,000	25,000
PRICE PER PIECE						
ME291-0	.08	.021	.018	.01	.007	CALL FOR QUOTE

## CARBON COMPOSITION RESISTORS 1/4 & 1/2 WATT



### FEATURES

- EXCELLENT MOISTURE RESISTANCE
- LOW TEMPERATURE COEFFICIENT
- EXCELLENT HIGH FREQUENCY CHARACTERISTIC
- LOW VOLTAGE COEFFICIENT
- MINIMUM SOLDERING EFFECT
- STANDARD EIA COLOR CODE

**5% TOLERANCE**

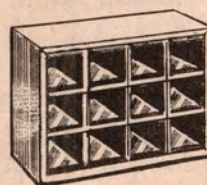
TABLE OF VALUES (OHMS)

1/4 WATT					1/2 WATT				
2.2	68	1.0K	15K	220K	2.2	82	1.6K	33K	560K
2.7	75	1.1K	16K	240K	2.7	91	1.8K	36K	620K
3.3	82	1.2K	18K	270K	3.3	100	2.0K	39K	680K
3.9	91	1.3K	20K	300K	3.9	110	2.2K	43K	750K
4.7	100	1.5K	22K	330K	4.7	120	2.4K	47K	820K
5.1	110	1.6K	24K	360K	5.6	130	2.7K	56K	910K
5.6	120	1.8K	27K	390K	6.8	150	3.0K	62K	1.0M
6.8	130	2.0K	30K	430K	8.2	160	3.3K	68K	1.2M
8.2	150	2.2K	33K	470K	10	180	3.6K	75K	1.5M
10	160	2.4K	36K	510K	13	220	3.9K	82K	1.8M
11	180	2.7K	39K	560K	15	240	4.3K	91K	2.2M
12	200	3.0K	43K	620K	16	270	4.7K	100K	2.4M
13	220	3.3K	47K	680K	18	300	5.6K	110K	2.7M
15	240	3.6K	51K	750K	20	330	6.2K	120K	3.9M
16	270	3.9K	56K	820K	22	360	6.8K	130K	6.8M
18	300	4.3K	62K	910K	24	390	8.2K	150K	8.2M
20	330	4.7K	68K	1.0M	27	430	9.1K	160K	
22	360	5.1K	75K	1.2M	30	470	10K	180K	
24	390	5.6K	82K	1.5M	33	560	11K	220K	
27	430	6.2K	91K	1.8M	36	620	12K	240K	
30	470	6.8K	100K	2.2M	39	680	13K	270K	
33	510	7.5K	110K	2.4M	43	820	15K	300K	
36	560	8.2K	120K	2.7M	47	1.0K	16K	330K	
39	620	9.1K	130K	3.9M	51	1.1K	18K	360K	
43	680	10K	150K	3.9M	56	1.2K	20K	390K	
47	750	11K	160K	4.7M	62	1.3K	22K	430K	
51	820	12K	180K	5.6M	68	1.5K	24K	470K	
56	910	13K	200K	6.8M	75				

\* MULTIPLES OF 1000 PER VALUE NOTE: MINIMUM ORDER 5PCS. PER VALUE.

STOCK NO.	WATTS	TOL.	VALUES SEE TABLE	DIMENSIONS			STANDARD PACKAGES				
				A	B	C	5 PER VALUE	200 PER VALUE	1000 PER VALUE	5,000 ASST'D	10,000 ASST'D
30BJ250	1/4	5%	2.2--6.8MEG	.25"	1.18	.09"	.12	.046	.042	.038	CALL FOR QUOTE
STOCK NO.	WATTS	TOL.	VALUES SEE TABLE	DIMENSIONS			STANDARD PACKAGES				
				A	B	C	5 PER VALUE	200 PER VALUE	1000 PER VALUE	5,000 ASST'D	10,000 ASST'D
30BJ500	1/2	5%	1.0--10MEG	.37"	1.38	.14"	.13	.048	.044	.040	CALL FOR QUOTE

## CARBON COMPOSITION RESISTOR KITS



COMES IN A STURDY PLASTIC CABINET  
EACH KIT CONTAINS 10 EACH OF THE MOST POPULAR ITEMS OF OHMS RANGE SHOWN.

STOCK NO.	OHMS RANGE	TOTAL PIECES	PRICE EACH
37-30BJ250-1	10-1M	600	32.95
37-30BJ500-1	10-1M	600	35.95

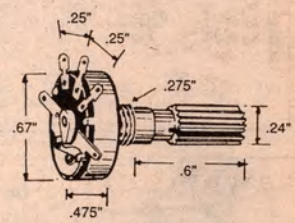
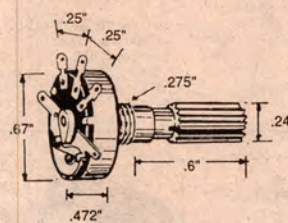
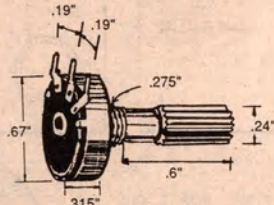
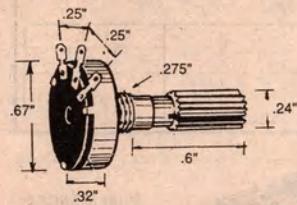


# MOUSER<sup>®</sup> Miniature Potentiometers

## MINIATURE 1/4 WATT POTENTIOMETERS

MINIATURE SIZE POTENTIOMETERS ALUMINUM SHAFTS, BUSHINGS, BODY IS PLATED STEEL, WITH BAKELITE REAR PLATE (EXCEPT 31JN). CONTACTS AND TERMINALS ARE SILVER PLATED BRASS. EACH IS SUPPLIED WITH ONE HEX NUT AND ONE FLAT WASHER.

### KNURLED SHAFT



### SPECIFICATIONS

- RESISTANCE ELEMENT: CARBON COMPOSITION
- RESISTANCE TOLERANCE:  $\pm 20\%$
- WATTAGE RATING: 1/4 WATT
- ROTATION ANGLE:  $260^\circ \pm 10^\circ$
- ROTATIONAL TORQUE: 20-200 g-cm
- ANTI-ROTATIONAL TORQUE: 3 Kg-cm
- Operation temperature;  $-10^\circ \text{ TO } +70^\circ \text{C}$
- SWITCH RATED: 1 AMP @ 12VDC
- INSULATION RESISTANCE: 50M MIN @ 500VDC
- SWITCHING ANGLE:  $30^\circ \pm 10^\circ$
- WITHSTANDING VOLTAGE: 500V @ 60 SECONDS
- ROTATIONAL NOISE: 57mV
- ROTATIONAL LIFE: 5,000 CYCLES

### LINEAR TAPER

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CR205	500	.79	.65	.49	CALL FOR QUOTE
31CR301	1K	.79	.65	.49	FOR QUOTE
31CR305	5K	.79	.65	.49	FOR QUOTE
31CR401	10K	.79	.65	.49	
31CR405	50K	.79	.65	.49	
31CR501	100K	.79	.65	.49	
31CR505	500K	.79	.65	.49	

### LINEAR TAPER PC MOUNT

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CA205	500	.79	.65	.49	CALL FOR QUOTE
31CA301	1K	.79	.65	.49	FOR QUOTE
31CA401	10K	.79	.65	.49	FOR QUOTE
31CA405	50K	.79	.65	.49	
31CA501	100K	.79	.65	.49	

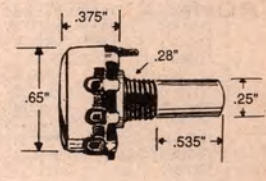
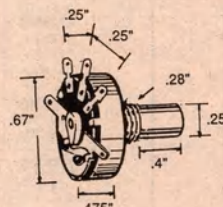
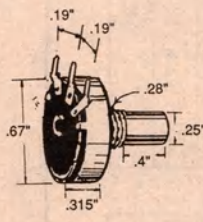
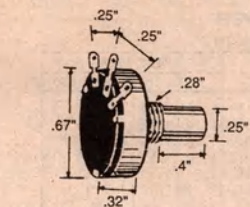
### LINEAR TAPER WITH SWITCH

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CT205	500	.99	.79	.62	CALL FOR QUOTE
31CT301	1K	.99	.79	.62	FOR QUOTE
31CT305	5K	.99	.79	.62	FOR QUOTE
31CT401	10K	.99	.79	.62	
31CT405	50K	.99	.79	.62	
31CT501	100K	.99	.79	.62	
31CT505	500K	.99	.79	.62	

### AUDIO TAPER WITH SWITCH

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CB205	500	.99	.79	.62	CALL FOR QUOTE
31CB301	1K	.99	.79	.62	FOR QUOTE
31CB305	5K	.99	.79	.62	FOR QUOTE
31CB401	10K	.99	.79	.62	
31CB405	50K	.99	.79	.62	
31CB501	100K	.99	.79	.62	
31CB505	500K	.99	.79	.62	

## ROUND SHAFT 1/4" DIAMETER



### LINEAR TAPER

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CN205	500	.89	.69	.54	CALL FOR QUOTE
31CN301	1K	.89	.69	.54	FOR QUOTE
31CN302	2K	.89	.69	.54	FOR QUOTE
31CN305	5K	.89	.69	.54	
31CN401	10K	.89	.69	.54	
31CN405	50K	.89	.69	.54	
31CN501	100K	.89	.69	.54	
31CN505	500K	.89	.69	.54	
31CN601	1MEG	.89	.69	.54	
31CN602	2MEG	.89	.69	.54	
31CN605	5MEG	.89	.69	.54	

### LINEAR TAPER PC MOUNT

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CW205	500	.89	.69	.51	CALL FOR QUOTE
31CW301	1K	.89	.69	.51	FOR QUOTE
31CW305	5K	.89	.69	.51	FOR QUOTE
31CW401	10K	.89	.69	.51	
31CW405	50K	.89	.69	.51	
31CW501	100K	.89	.69	.51	
31CW505	500K	.89	.69	.51	
31CW601	1MEG	.89	.69	.51	

### LINEAR TAPER WITH SWITCH

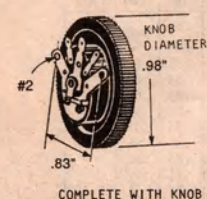
STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CQ301	1K	.99	.79	.62	CALL FOR QUOTE
31CQ305	5K	.99	.79	.62	FOR QUOTE
31CQ401	10K	.99	.79	.62	FOR QUOTE
31CQ405	50K	.99	.79	.62	
31CQ501	100K	.99	.79	.62	
31CQ505	500K	.99	.79	.62	
31CQ601	1MEG	.99	.79	.62	

### LINEAR TAPER

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31JN301	1K	.99	.85	.66	CALL FOR QUOTE
31JN302	2K	.99	.85	.66	FOR QUOTE
31JN305	5K	.99	.85	.66	FOR QUOTE
31JN401	10K	.99	.85	.66	
31JN405	50K	.99	.85	.66	
31JN505	500K	.99	.85	.66	
31JN601	1MEG	.99	.85	.66	

## SUB-MINIATURE THUMB WHEEL 1/8 WATT

SUB-MINIATURE CONTROL, JUST LIKE THE TYPE IN SMALL TRANSISTOR RADIO AND TAPE RECOYERS. EXCELLENT FOR INDUSTRIAL APPLICATIONS NEEDING A POTENTIOMETER THAT OCCUPIES A MINIMUM OF SPACE ON THE BOARD AND PANEL. KNOBS INCLUDED.



COMPLETE WITH KNOB

### LINEAR TAPER

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
31TS205	500	.53	.43	.37	CALL FOR QUOTE
31TS301	1K	.53	.43	.37	FOR QUOTE
31TS302	2K	.53	.43	.37	FOR QUOTE
31TS305	5K	.53	.43	.37	
31TS401	10K	.53	.43	.37	
31TS405	50K	.53	.43	.37	
31TS501	100K	.53	.43	.37	
31TS505	500K	.53	.43	.37	
31TS601	1MEG	.53	.43	.37	

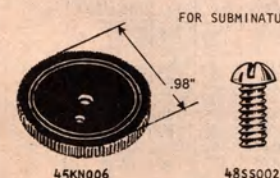
### LINEAR TAPER WITH SWITCH

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
31XT205	500	.55	.46	.40	CALL FOR QUOTE
31XT301	1K	.55	.46	.40	FOR QUOTE
31XT305	5K	.55	.46	.40	FOR QUOTE
31XT401	10K	.55	.46	.40	
31XT405	50K	.55	.46	.40	
31XT501	100K	.55	.46	.40	
31XT505	500K	.55	.46	.40	
31XT601	1MEG	.55	.46	.40	

### AUDIO TAPER WITH SWITCH

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
31TV205	500	.55	.46	.40	CALL FOR QUOTE
31TV301	1K	.55	.46	.40	FOR QUOTE
31TV302	2K	.55	.46	.40	FOR QUOTE
31TV305	5K	.55	.46	.40	
31TV401	10K	.55	.46	.40	
31TV405	50K	.55	.46	.40	
31TV501	100K	.55	.46	.40	
31TV505	500K	.55	.46	.40	
31TV601	1MEG	.55	.46	.40	

## REPLACEMENT KNOB & SCREW

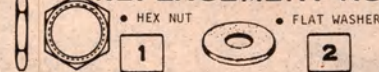


FOR SUBMINIATURE THUMBWHEEL POTENTIOMETERS

- MOLDED PLASTIC BLACK KNOB
- FITS OUR 31TV, 31TS & 31XT
- MIN. ORDER 3 PCS.

STOCK NO.	PRICE EACH			
	3	100	1000	10,000
45KN006	.13	.10	.094	CALL FOR QUOTE
48SS002	.10	.01	.009	FOR QUOTE

## REPLACEMENT NUTS AND WASHERS



THE 31C SERIES ARE ALL SUPPLIED WITH ONE HEX NUT AND ONE WASHER. ADDITIONAL HARDWARE MAY BE ORDERED BELOW.

STOCK NO.	FIG.	I.D.	FITS	PRICE EACH			
				3	100	1000	10000
NUTS:							
48AN006	1	6mm	31CX	.10	.025	.02	CALL FOR QUOTE
48AN007	1	7mm	31CA, 31CB, 31CR, 31CT	.10	.025	.02	FOR QUOTE
48AN107	1	7mm	31CN, 31CQ, 31CW, 31JN	.10	.025	.02	FOR QUOTE
WASHERS:							
48CW007	2	7mm	31CA, 31CB, 31CR, 31CT, 31CN, 31CQ, 31CW, 31JN	.10	.02	.01	

ORDER BY PHONE, FAX, TELEX, OR MAIL



# MOUSER<sup>®</sup> Potentiometers

THESE CONTROLS FOR COMMERCIAL, CONSUMER, AND INDUSTRIAL APPLICATIONS ARE AVAILABLE IN A WIDE RANGE OF SHAFT SIZES, RESISTANCE TAPERS, OHMIC VALUES AND CONFIGURATIONS. RESISTANCE TOLERANCE OF ALL TYPES IS  $\pm 20\%$ . ALL ARE CARBON COMPOSITION RESISTANCE ELEMENTS. ALL ARE AVAILABLE FROM STOCK FOR IMMEDIATE DELIVERY.

## GENERAL SPECIFICATIONS FOR ALL TYPES

RESISTANCE TOLERANCE:  $\pm 20\%$   
 MAXIMUM WORKING VOLTAGE: 350V (LINEAR TAPER)  
 250V (NON-LINEAR TAPER)  
 OVERLOAD VOLTAGE 1000 VOLTS AC FOR 60 SECONDS  
 POWER DISSIPATION: 0.5 WATTS (LINEAR TAPER)  
 0.25 WATTS (NON-LINEAR TAPER)  
 INSULATION RESISTANCE:  $> 100 \text{ MEGOHMS} \pm 500 \text{ VDC}$   
 MINIMUM RESISTANCE: IF TOTAL R  $< 2 \text{ K}$  THEN  $> 20 \text{ OHMS}$   
 IF TOTAL R  $> 2 \text{ K}$  THEN  $> 100 \text{ OHMS}$   
 IF TOTAL R  $> 1 \text{ M}$  THEN  $> 200 \text{ OHMS}$   
 ROTATIONAL NOISE: WITH 20 VDC BETWEEN TERMINALS  
 1 AND 3, NOISE SHOULD BE LESS THAN 47mV.  
 WITH SHAFT ROTATION OF 30 CYCLES PER MINUTE.

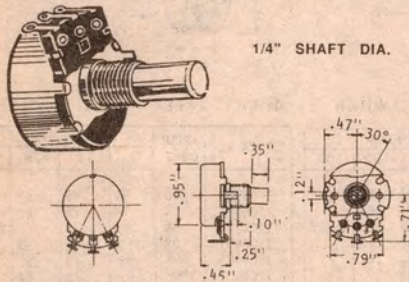
ROTATION ENDURANCE: AFTER 15000 ROTATIONS OF  
 600 CYCLES PER HOUR CHANGES MAY BE AS FOLLOWS:  
 TOTAL RESISTANCE:  $\pm 15\%$  OF INITIAL VALUE  
 ROTATIONAL NOISE:  $< 150 \text{ mV}$

SWITCH CONTACT RESISTANCE: INITIALLY 0.1 OHMS  
 ROTATIONAL ANGLE:  $300 \pm 5$   
 SWITCH CONTACT RATING: 125VAC @ 1A  
 SWITCH TORQUE: 1500 qcm MAX  
 ROTATIONAL TORQUE: 50-450 qcm  
 ANTI-ROTATIONAL TORQUE: 9Kqcm  
 RESISTANCE RANGE: 500-5MFG

## EXTRA HARDWARE FOR POTS ON THIS PAGE

ONE HEX NUT AND ONE WASHER ARE INCLUDED  
 WITH EACH POT.  
 IF YOU NEED ADDITIONAL HARDWARE,  
 ORDER BELOW.

STOCK NO.	TYPE	PRICE EACH		
		1	100	1000
48AN008	NUT	.10	.025	.02
48CW008	WASHER	.10	.02	.01



### LINEAR TAPER .325 SHAFT LENGTH

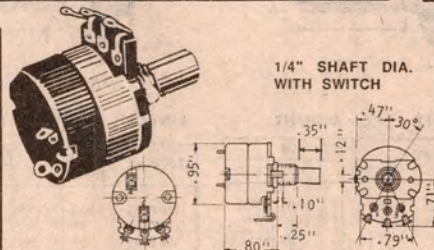
STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VA205	500	.99	.85	.69	CALL FOR QUOTE
31VA301	1K	.99	.85	.69	
31VA302	2K	.99	.85	.69	
31VA303	2.5K	.99	.85	.69	
31VA305	5K	.99	.85	.69	
31VA401	10K	.99	.85	.69	
31VA403	25K	.99	.85	.69	
31VA405	50K	.99	.85	.69	
31VA501	100K	.99	.85	.69	
31VA503	250K	.99	.85	.69	
31VA505	500K	.99	.85	.69	
31VA601	1MEG	.99	.85	.69	
31VA602	2MEG	.99	.85	.69	
31VA605	5MEG	.99	.85	.69	

### LINEAR TAPER 1 1/4" (1.25) SHAFT LENGTH

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VC205	500	.99	.85	.73	CALL FOR QUOTE
31VC301	1K	.99	.85	.73	
31VC302	2K	.99	.85	.73	
31VC303	2.5K	.99	.85	.73	
31VC305	5K	.99	.85	.73	
31VC401	10K	.99	.85	.73	
31VC402	20K	.99	.85	.73	
31VC403	25K	.99	.85	.73	
31VC405	50K	.99	.85	.73	
31VC501	100K	.99	.85	.73	
31VC503	250K	.99	.85	.73	
31VC505	500K	.99	.85	.73	
31VC601	1MEG	.99	.85	.73	
31VC605	5MEG	.99	.85	.73	

### AUDIO TAPER 3/8" (.375) SHAFT LENGTH

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VJ301	1K	.99	.85	.73	CALL FOR QUOTE
31VJ305	5K	.99	.85	.73	
31VJ401	10K	.99	.85	.73	
31VJ405	50K	.99	.85	.73	
31VJ501	100K	.99	.85	.73	
31VJ505	500K	.99	.85	.73	
31VJ601	1MEG	.99	.85	.73	



### LINEAR TAPER .325 SHAFT LENGTH

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VM205	500	1.31	1.09	.98	CALL FOR QUOTE
31VM301	1K	1.31	1.09	.98	
31VM303	2.5K	1.31	1.09	.98	
31VM305	5K	1.31	1.09	.98	
31VM401	10K	1.31	1.09	.98	
31VM403	25K	1.31	1.09	.98	
31VM405	50K	1.31	1.09	.98	
31VM501	100K	1.31	1.09	.98	
31VM503	250K	1.31	1.09	.98	
31VM505	500K	1.31	1.09	.98	
31VM601	1MEG	1.31	1.09	.98	

### LINEAR TAPER 1 1/4" (1.25) SHAFT LENGTH

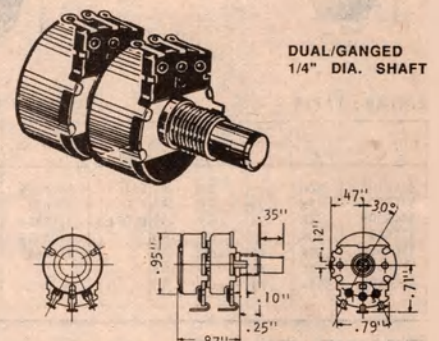
STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VL205	500	1.25	1.09	.98	CALL FOR QUOTE
31VL301	1K	1.25	1.09	.98	
31VL305	5K	1.25	1.09	.98	
31VL401	10K	1.25	1.09	.98	
31VL403	25K	1.25	1.09	.98	
31VL405	50K	1.25	1.09	.98	
31VL501	100K	1.25	1.09	.98	
31VL503	250K	1.25	1.09	.98	
31VL505	500K	1.25	1.09	.98	

### AUDIO TAPER 3/8" (.375) SHAFT LENGTH

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31XP301	1K	1.19	1.09	.98	CALL FOR QUOTE
31XP305	5K	1.19	1.09	.98	
31XP401	10K	1.19	1.09	.98	
31XP405	50K	1.19	1.09	.98	
31XP501	100K	1.19	1.09	.98	
31XP505	500K	1.19	1.09	.98	
31XP601	1MEG	1.19	1.09	.98	

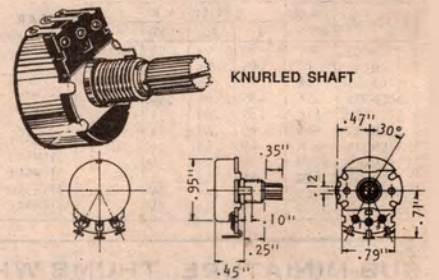
### AUDIO TAPER 1 1/4" (1.25) SHAFT LENGTH

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VK301	1K	1.24	1.09	.98	CALL FOR QUOTE
31VK305	5K	1.24	1.09	.98	
31VK401	10K	1.24	1.09	.98	
31VK505	500K	1.24	1.09	.98	
31VK601	1MEG	1.24	1.09	.98	



### LINEAR TAPER .325 SHAFT LENGTH

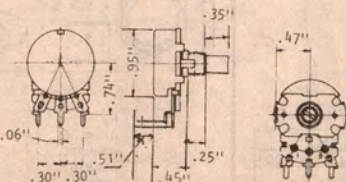
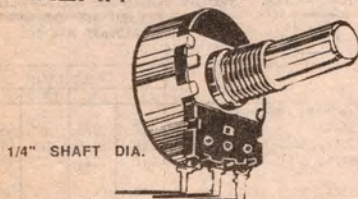
STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VW301	1K	1.79	1.49	1.36	CALL FOR QUOTE
31VW305	5K	1.79	1.49	1.36	
31VW401	10K	1.79	1.49	1.36	
31VW405	50K	1.79	1.49	1.36	
31VW501	100K	1.79	1.49	1.36	
31VW505	500K	1.79	1.49	1.36	
31VW601	1MEG	1.79	1.49	1.36	



### LINEAR TAPER 3/8" (.375) SHAFT LENGTH

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31VF205	500	.99	.85	.66	CALL FOR QUOTE
31VF301	1K	.99	.85	.66	
31VF302	2K	.99	.85	.66	
31VF305	5K	.99	.85	.66	
31VF401	10K	.99	.85	.66	
31VF405	50K	.99	.85	.66	
31VF501	100K	.99	.85	.66	
31VF503	250K	.99	.85	.66	
31VF505	500K	.99	.85	.66	
31VF601	1MEG	.99	.85	.66	
31VF602	2MEG	.99	.85	.66	

### LINEAR TAPER



RIGHT ANGLE  
PC MOUNT

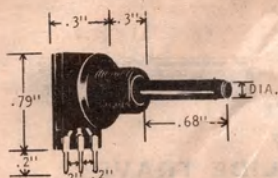
### .325 SHAFT LENGTH

STOCK NO.	OHMS VALUE	PRICE EACH			
		1	10	100	500
31VQ205	500	.99	.85	.72	CALL FOR QUOTE
31VQ301	1K	.99	.85	.72	
31VQ305	5K	.99	.85	.72	
31VQ401	10K	.99	.85	.72	
31VQ403	25K	.99	.85	.72	
31VQ405	50K	.99	.85	.72	
31VQ501	100K	.99	.85	.72	
31VQ503	250K	.99	.85	.72	
31VQ505	500K	.99	.85	.72	

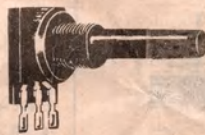


# MOUSER® High Reliability Potentiometers

## NYLON BODY AND SHAFT 1/4 WATT



PC MOUNT



SOLDER EYELET

### SPECIFICATIONS

- RESISTANCE TOLERANCE:  $\pm 20\%$
- RATED DISSIPATION @ 20°C: .25W
- ISOLATION VOLTAGE: 450VDC
- MECHANICAL ROTATION: 270°
- TERMINAL RESISTANCE: 5 OHMS, MAX.
- INSULATION RESISTANCE: 1000 MEGOHMS, MIN.
- MAX WORKING VOLTAGE: 630VAC
- ALL HARDWARE INCLUDED.

- FLAME RETARDANT
- LINEAR TAPER

THESE ALL NYLON BODY AND SHAFT CONSTRUCTION POTENTIOMETERS ARE IDEALLY SUITED FOR ELECTRONIC EQUIPMENT, DOMESTIC APPLIANCES AND CONTROL SYSTEMS WHERE SAFETY IS OF PRIME IMPORTANCE. THESE FLAME RETARDANT POTENTIOMETERS CAN SATISFY A WIDE RANGE OF APPLICATIONS WHERE HIGH INSULATION RESISTANCE AND WORKING VOLTAGE ARE SPECIFIC REQUIREMENTS.

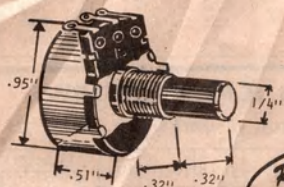
### PC MOUNT

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
1/4" (6MM) DIA. SHAFT					
31NN301	1K	2.15	1.79	1.63	CALL FOR QUOTE
31NN304	4.7K	2.15	1.79	1.63	FOR QUOTE
31NN401	10K	2.15	1.79	1.63	
31NN405	50K	2.15	1.79	1.63	
31NN501	100K	2.15	1.79	1.63	
31NN505	500K	2.15	1.79	1.63	
31NN601	1 MEG	2.15	1.79	1.63	
.157" (4mm) DIA. SHAFT					
31NK301	1K	.83	.69	.59	CALL FOR QUOTE
31NK305	5K	.83	.69	.59	FOR QUOTE
31NK401	10K	.83	.69	.59	
31NK405	50K	.83	.69	.59	
31NK501	100K	.83	.69	.59	
31NK601	1 MEG	.83	.69	.59	

### SOLDER EYELET

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
1/4" (6MM) DIA. SHAFT					
31NE301	1K	2.15	1.79	1.63	CALL FOR QUOTE
31NE304	4.7K	2.15	1.79	1.63	FOR QUOTE
31NE305	5K	.83	.69	.59	FOR QUOTE
31NE401	10K	2.15	1.79	1.63	FOR QUOTE
31NE405	50K	2.15	1.79	1.63	FOR QUOTE
31NE501	100K	2.15	1.79	1.63	FOR QUOTE
31NE505	500K	2.15	1.79	1.63	FOR QUOTE
31NE601	1MEG	2.15	1.79	1.63	FOR QUOTE
.157" (4mm) DIA. SHAFT					
31NA301	1K	.83	.69	.59	CALL FOR QUOTE
31NA305	5K	.83	.69	.59	FOR QUOTE
31NA405	50K	.83	.69	.59	FOR QUOTE
31NA501	100K	.83	.69	.59	FOR QUOTE
31NA505	500K	.83	.69	.59	FOR QUOTE
31NA601	1MEG	.83	.69	.59	FOR QUOTE

## COMPOSITION 1/2 WATT



- SOLDER MOUNT
- SOLDER TERMINAL
- LINEAR TAPER

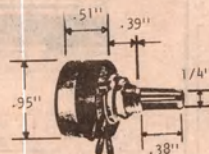
*Reduced to Move!*

### SPECIFICATIONS

- TAPER: LINEAR
- RESISTANCE ELEMENT: CARBON COMPOSITION
- RESISTANCE TOLERANCE:  $\pm 20\%$
- WATTAGE RATING: 1/2 WATT
- ROTATION ANGLE: 300°
- OPERATING VOLTS: 350VDC (MAX)
- HARDWARE INCLUDED

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31HR301	1K	.71	.59	.49	
31HR302	2K	.71	.59	.49	
31HR305	5K	.71	.59	.49	
31HR401	10K	.71	.59	.49	
31HR405	50K	.71	.59	.49	
31HR503	250K	.71	.59	.49	
31HR601	1 MEG	.71	.59	.49	

## CARBON FILM 1 WATT



- 3/8" (.375) SHAFT LENGTH
- SOLDER MOUNT
- SOLDER TERMINAL
- LINEAR TAPER

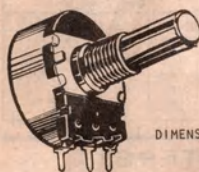
### SPECIFICATIONS

- RESISTANCE TOLERANCE:  $\pm 15/-10\%$
- TAPER: LINEAR
- RESISTANCE ELEMENT: CARBON FILM
- WATTAGE RATING: 1 WATT
- ROTATION ANGLE: 300°
- OPERATING VOLTS: 350VDC (MAX)
- HARDWARE INCLUDED

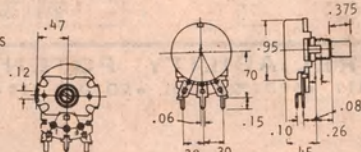
STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
31YN301	1K	4.30	3.99	3.82	CALL FOR QUOTE
31YN305	5K	4.30	3.99	3.82	FOR QUOTE
31YN401	10K	4.30	3.99	3.82	FOR QUOTE
31YN405	50K	4.30	3.99	3.82	FOR QUOTE
31YN501	100K	4.30	3.99	3.82	FOR QUOTE

## LINEAR TAPER POTENTIOMETERS

- PC MOUNT
- 1/4" SHAFT DIAMETER



DIMENSIONS IN INCHES

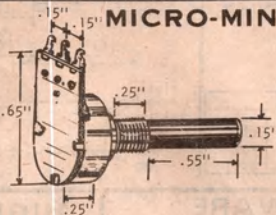


### SPECIFICATIONS

- RESISTANCE TOLERANCE:  $\pm 20\%$
- MAX. WORKING VOLTAGE: 500V (LINEAR TAPER)
- OVERLOAD VOLTAGE: 1000 VOLTS AC FOR 60 SEC.
- POWER DISSIPATION: 0.5 WATTS (LINEAR TAPER)
- INSULATION RESISTANCE:  $> 100$  MEGOHMS @ 500 VDC
- ROTATIONAL NOISE:  $< 150$  MV
- ROTATIONAL ANGLE: 300°  $\pm 5^\circ$
- ROTATIONAL TORQUE: 50-350gcm
- ANTI-ROTATION TORQUE: 9Kgcm

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
ME314-1410-1K	1K	.99	.85	.63	CALL FOR QUOTE
ME314-1410-5K	5K	.99	.85	.63	FOR QUOTE
ME314-1410-10K	10K	.99	.85	.63	FOR QUOTE
ME314-1410-50K	50K	.99	.85	.63	FOR QUOTE
ME314-1410-100K	100K	.99	.85	.63	FOR QUOTE
ME314-1410-500K	500K	.99	.85	.63	FOR QUOTE
ME314-1410-1M	1MEG	.99	.85	.63	FOR QUOTE

## MICRO-MINIATURE 1/8 WATT



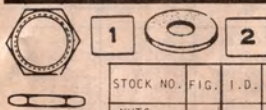
- LINEAR TAPER
- PC MOUNT

SUPER MICRO MINIATURIZED WITH FULL-FLEDGED CAPACITY. INDISPENSABLE FOR MICRO-SIZED CIRCUITS. BRASS BUSHING AND SHAFT. SLOTTED SHAFT. ONE HEX NUT AND FLAT WASHER INCLUDED.

### SPECIFICATIONS

- RESISTANCE ELEMENT: CARBON COMPOSITION
- RESISTANCE TOLERANCE:  $\pm 20\%$
- WATTAGE RATING: 1/8 WATT
- ROTATION ANGLE: 230°
- OPERATING TEMPERATURE: -10° TO +70°C
- INSULATION RESISTANCE: 100M OHMS
- RESISTANCE TAPER: LINEAR
- WITHSTANDING VOLTAGE: 500 VAC
- ROTATION NOISE: 47mV
- ROTATION LIFE: 5,000 CYCLES
- ROTATION TORQUE: 20-120 g-cm
- ANTI-ROTATION TORQUE: 2 Kg-cm
- HARDWARE INCLUDED

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
31CX301	1K	1.39	1.17	1.06	CALL FOR QUOTE
31CX305	5K	1.39	1.17	1.06	FOR QUOTE
31CX401	10K	1.39	1.17	1.06	FOR QUOTE
31CX405	50K	1.39	1.17	1.06	FOR QUOTE
31CX501	100K	1.39	1.17	1.06	FOR QUOTE
31CX505	500K	1.39	1.17	1.06	FOR QUOTE
31CX601	1MEG	1.39	1.17	1.06	FOR QUOTE



## REPLACEMENT NUTS AND WASHERS

STOCK NO.	FIG.	I.D.	FOR USE WITH:	PRICE EACH	
				100	1000
NUTS:					
48AN008	1	8mm	31HR, ME314-1410 SERIES POTENTIOMETERS	.025	.02
48AN009	1	9mm	31YN SERIES POTENTIOMETERS	.025	.02
WASHERS:					
48CW008	2	8mm	31HR, ME314-1410 SERIES POTENTIOMETERS	.02	.01
48CW009	2	9mm	31YN SERIES POTENTIOMETERS	.02	.01

## KNOB



- BRASS BUSHING

STOCK NO.	PRICE EACH			
	1	10	100	500
45KN050	.71	.57	.52	CALL FOR QUOTE

"WE STOCK"

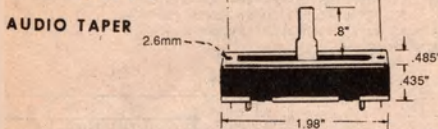


# MOUSER® Slide Potentiometers

ALL MOUSER SLIDE POTENTIOMETERS CONTAIN QUALITY CARBON COMPOSITION ELEMENTS FOR LONG LIFE AND NOISE-FREE OPERATION.

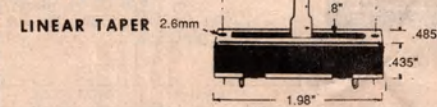
TOLERANCE  
±20%

## 1 3/16" SLIDE TRAVEL 1/4 WATT AUDIO TAPER



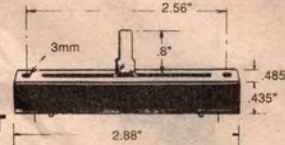
STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-9000-1K	1K	.99	.85	.70	CALL FOR QUOTE
ME321-9000-5K	5K	.99	.85	.70	
ME321-9000-10K	10K	.99	.85	.70	
ME321-9000-50K	50K	.99	.85	.70	
ME321-9000-100K	100K	.99	.85	.70	

## 1 3/16" SLIDE TRAVEL 1/4 WATT LINEAR TAPER



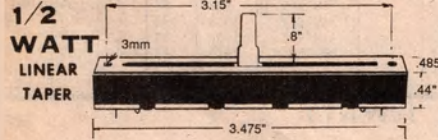
STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-9100-500	500	.99	.89	.70	CALL FOR QUOTE
ME321-9100-1K	1K	.99	.89	.70	
ME321-9100-5K	5K	.99	.89	.70	
ME321-9100-10K	10K	.99	.89	.70	
ME321-9100-25K	25K	.99	.89	.70	
ME321-9100-50K	50K	.99	.89	.70	
ME321-9100-100K	100K	.99	.89	.70	

## 1/4 WATT LINEAR TAPER 1 3/4" SLIDE TRAVEL



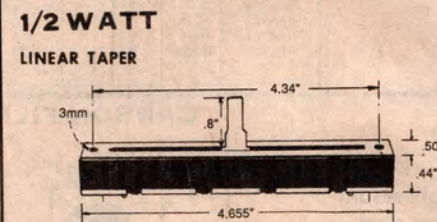
STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-9200-1K	1K	1.09	.99	.75	CALL FOR QUOTE
ME321-9200-5K	5K	1.09	.99	.75	
ME321-9200-10K	10K	1.09	.99	.75	
ME321-9200-50K	50K	1.09	.99	.75	
ME321-9200-100K	100K	1.09	.99	.75	
ME321-9200-500K	500K	1.09	.99	.75	
ME321-9200-1MEG	1MEG	1.09	.99	.75	

## 2 3/8" SLIDE TRAVEL 1/2 WATT LINEAR TAPER




STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-9300-1K	1K	1.44	1.21	1.10	CALL FOR QUOTE
ME321-9300-2K	2K	1.44	1.21	1.10	
ME321-9300-5K	5K	1.44	1.21	1.10	
ME321-9300-10K	10K	1.44	1.21	1.10	
ME321-9300-25K	25K	1.44	1.21	1.10	
ME321-9300-50K	50K	1.44	1.21	1.10	
ME321-9300-100K	100K	1.44	1.21	1.10	
ME321-9300-250K	250K	1.44	1.21	1.10	
ME321-9300-500K	500K	1.44	1.21	1.10	
ME321-9300-1MEG	1MEG	1.44	1.21	1.10	

## 3 1/2" SLIDE TRAVEL 1/2 WATT LINEAR TAPER



STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-9400-1K	1K	2.99	2.65	1.96	CALL FOR QUOTE
ME321-9400-10K	10K	2.99	2.65	1.96	
ME321-9400-100K	100K	2.99	2.65	1.96	


## KNOBS FIT ALL SLIDE CONTROLS ABOVE



STOCK NO.	FIG.	PRICE EACH			
		1	10	100	500
45KN151	1	.56	.43	.38	CALL FOR QUOTE
45KN152	2	.83	.68	.52	
45KN153	3	.67	.56	.43	

## SLIDEPOT SCREW

USED FOR MOUNTING MOUSER SLIDE POTENTIOMETERS.



STOCK NO.	DIA	PITCH	LENGTH	USE	PRICE EACH		
					1	100	1000
48SM003	3	.5	6mm	31SR 31SF 31SQ	.05	.012	.008

## STANDARD 10-WATT SPEAKER CONTROLS



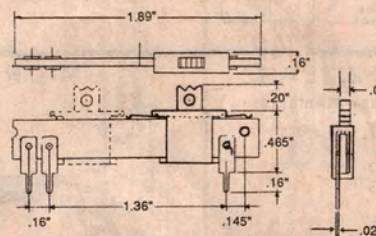
RATING: 10 WATTS PEAK.  
IMPEDANCE: 8 TO 16 OHMS.  
MOUNTING: 1" MAX. PANEL THICKNESS  
SOLDER TERMINALS.

INCLUDES: KNOB, FACE PLATE, AND HARDWARE.

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	10	100	500
31LA001	SINGLE "L" PAD	4.33	3.61	3.29	CALL FOR QUOTE

## MINI-SLIDE POTENTIOMETER

- PC MOUNT
- LINEAR TAPER
- .785" SLIDE TRAVEL

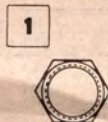


### SPECIFICATIONS

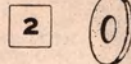
- TOLERANCE: ±20%
- TAPER: LINEAR
- SLIDE TRAVEL: .785"
- INSULATION RESISTANCE: 50MOHMS @ 500DC
- BREAKDOWN VOLTAGE: 500VAC 1 MIN.

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-9500-1K	1K	.89	.69	.62	CALL FOR QUOTE
ME321-9500-5K	5K	.89	.69	.62	
ME321-9500-10K	10K	.89	.69	.62	
ME321-9500-50K	50K	.89	.69	.62	
ME321-9500-100K	100K	.89	.69	.62	

## REPLACEMENT HARDWARE



• HEX NUT



• FLAT WASHER

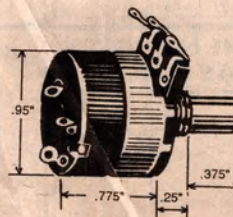
STOCK NO.	FIG.	I.D.	PRICE EACH	
			100	1000
NUTS: 48AN008	1	8mm	.025	.02
WASHERS: 48CW008	2	8mm	.02	.01

## HIGH RELIABILITY POTENTIOMETERS

• 1/2 WATT • SPDT SWITCH • SOLDER TERMINAL • LINEAR TAPER

### SPECIFICATIONS

- TAPER: LINEAR
- RESISTANCE ELEMENT: CARBON COMPOSITION
- TOLERANCE: ±20%
- WATTAGE RATING: 5W
- ROTATION ANGLE: 300°
- OPERATING VOLTAGE: 350VDC (MAX)
- SWITCH CONTACT RATING: 125V @ 3A

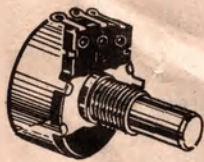


STOCK NO.	PRICE EACH			
	1	10	100	500
ME316-1000-1K	2.63	2.19	1.99	CALL FOR QUOTE
ME316-1000-2K	2.63	2.19	1.99	
ME316-1000-5K	2.63	2.19	1.99	
ME316-1000-10K	2.63	2.19	1.99	
ME316-1000-25K	2.63	2.19	1.99	
ME316-1000-50K	2.63	2.19	1.99	
ME316-1000-100K	2.63	2.19	1.99	
ME316-1000-250K	2.63	2.19	1.99	
ME316-1000-500K	2.63	2.19	1.99	

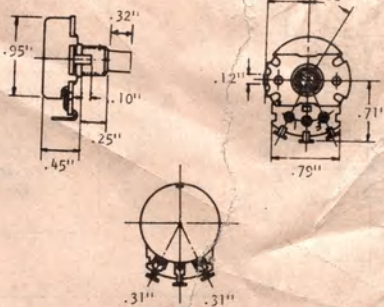


# MOUSER® High Reliability Potentiometers

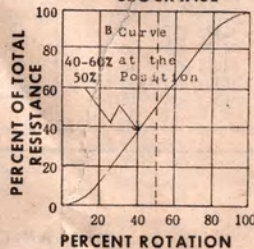
## HIGH RELIABILITY LINEAR TAPER POTENTIOMETERS



1/4" SHAFT DIA.



TAPER LINEAR  
CLOCKWISE



THESE HIGH RELIABILITY CONTROLS FOR COMMERCIAL, CONSUMER, AND INDUSTRIAL APPLICATIONS ARE AVAILABLE IN A WIDE RANGE OF SHAFT SIZES, RESISTANCE TAPERS, OHMIC VALUES AND CONFIGURATIONS. THEY HAVE AN INSULATION RESISTANCE OF GREATER THAN 100 MEGOHMS @ 500 VDC. THEY HAVE AN OVERLOAD VOLTAGE RATING OF 1000 VOLTS AC FOR 60 SECONDS.

### MECHANICAL SPECIFICATIONS

- ROTATIONAL ANGLE: 300°±5°
- ROTATIONAL TORQUE: 50-200 gfcm
- END STOP STRENGTH: 9 Kgfc
- ANTI-ROTATIONAL TORQUE: >9 Kgcm
- ROTATIONAL ENDURANCE:
  - AFTER 15,000 ROTATIONS OF 600 CYCLES PER HOUR CHANGES MAY BE AS FOLLOWS:
  - TOTAL RESISTANCE: ±15% OF INITIAL VALUE
  - ROTATIONAL NOISE: 150mv
- ROTATION NOISE: WITH 20 VDC BETWEEN TERMINAL 1 AND 3, NOISE SHOULD BE LESS THAN 47mv WITH SHAFT ROTATION OF 30 CYCLES PER MINUTE

### ELECTRICAL SPECIFICATIONS

- RESISTANCE TOLERANCE: ±20%
- MINIMUM RESISTANCE:
  - IF TOTAL R < 2K THEN 20 OHMS
  - IF TOTAL R > 2K THEN 100 OHMS
  - IF TOTAL R > 1MEG THEN 200 OHMS
- POWER DISSIPATION: 0.5 WATTS
- MAXIMUM WORKING VOLTAGE: 500V
- OVERLOAD VOLTAGE: 1000 VOLTS AC FOR 60 SECONDS
- MATCHING TOLERANCE:
  - TONE CONTROL USE: ±2.5db±50% ROTATION
  - VOLUME CONTROL USE: ±3.0db BETWEEN -40db to 0db
- INSULATION RESISTANCE:
  - >100 MEGOHMS AT 500 VDC
- TEMPERATURE CHARACTERISTICS: AFTER 5 HOURS IN 70°C(±3°C) UNDER NO LOAD, CHANGE IN TOTAL RESISTANCE SHALL BE +5% TO -20% OF THE INITIAL VALUE.

STOCK NO.	OHMIC VALUE	PRICE EACH			
		1	10	100	500
ME313-4500-1K	1K	1.19	.99	.79	CALL FOR QUOTE
ME313-4500-5K	5K	1.19	.99	.79	FOR QUOTE
ME313-4500-10K	10K	1.19	.99	.79	
ME313-4500-50K	50K	1.19	.99	.79	
ME313-4500-100K	100K	1.19	.99	.79	
ME313-4500-500K	500K	1.19	.99	.79	
ME313-4500-1MEG	1 MEG	1.19	.99	.79	
ME313-4500-5MEG	5 MEG	1.19	.99	.79	

## MOUSER® ENCLOSED CARBON TRIMMER POTENTIOMETERS

THE MOUSER CT10 SERIES HAS BEEN DEVELOPED TO SATISFY A WIDE RANGE OF APPLICATION IN COMMERCIAL AND INDUSTRIAL EQUIPMENT WHERE RELIABILITY, SIZE AND VERY LOW COST ARE IMPORTANT DESIGN REQUIREMENTS. THEY ALL HAVE THE ADVANTAGES ASSOCIATED WITH THE CARBON RESISTANCE ELEMENT, WHICH IS USED IN THEIR CONSTRUCTION. THEIR QUALITY IS IDEAL FOR APPLICATIONS WHERE A ROBUST ENCLOSED TRIMMING POTENTIOMETER IS REQUIRED.

### FEATURES

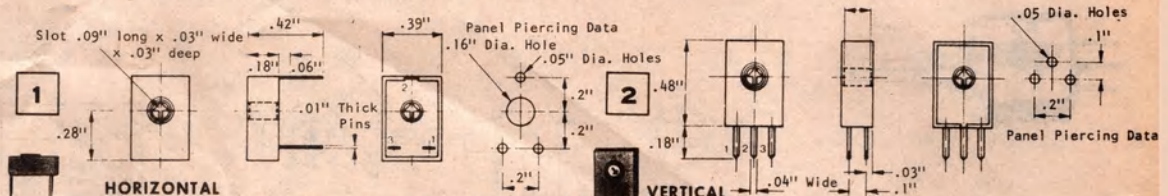
- VERY LOW COST
- DUST AND SPLASH PROOF
- PROVEN RELIABILITY
- ROBUST CONSTRUCTION
- FLAME RETARDANT
- ARROW POSITION INDICATOR

### ELECTRICAL

- POWER RATING: .2W@40°C
- OPERATING VOLTAGE: 200V
- TOLERANCE: ±20%
- OPERATING TEMPERATURE: -25°C TO +70°C
- TEMPERATURE COEFFICIENT: ±100ppm/°C

### MECHANICAL

- MECHANICAL ADJUSTMENT: SINGLE TURN
- OPERATIONAL TORQUE: 5-20gm/cm
- MECHANICAL TRAVEL: 295° NOMINAL
- ROTATIONAL LIFE: 200 CYCLES MIN.



HORIZONTAL

VERTICAL

STOCK NO.	FIG.	OHMS	PRICE EACH			
			1	10	100	500
ME321-CT10H-470	1	470	.34	.26	.24	CALL FOR QUOTE
ME321-CT10H-1K	1	1K	.34	.26	.24	
ME321-CT10H-4.7K	1	4.7K	.34	.26	.24	
ME321-CT10H-10K	1	10K	.34	.26	.24	
ME321-CT10H-22K	1	22K	.34	.26	.24	
ME321-CT10H-47K	1	47K	.34	.26	.24	
ME321-CT10H-100K	1	100K	.34	.26	.24	
ME321-CT10H-220K	1	220K	.34	.26	.24	
ME321-CT10H-470K	1	470K	.34	.26	.24	
ME321-CT10H-1MEG	1	1 MEG	.34	.26	.24	

STOCK NO.	FIG.	OHMS	PRICE EACH			
			1	10	100	500
ME321-CT10V-470	2	470	.34	.26	.24	CALL FOR QUOTE
ME321-CT10V-1K	2	1K	.34	.26	.24	
ME321-CT10V-4.7K	2	4.7K	.34	.26	.24	
ME321-CT10V-10K	2	10K	.34	.26	.24	
ME321-CT10V-22K	2	22K	.34	.26	.24	
ME321-CT10V-47K	2	47K	.34	.26	.24	
ME321-CT10V-100K	2	100K	.34	.26	.24	
ME321-CT10V-220K	2	220K	.34	.26	.24	
ME321-CT10V-470K	2	470K	.34	.26	.24	
ME321-CT10V-1MEG	2	1 MEG	.34	.26	.24	

## MOUSER® MULTITURN CERMET FILM TRIMMER POTENTIOMETERS

THE MOUSER 4290 SERIES OF SQUARE MULTITURN TRIMMING POTENTIOMETERS HAVE BEEN DESIGNED FOR INDUSTRIAL AND PROFESSIONAL APPLICATIONS WHERE SIZE AND RELIABILITY ARE MAJOR CONSIDERATIONS. THE CERMET RESISTANCE ELEMENT IS ACTUATED BY AN INSULATED LEAD SCREW WITH A SLIPPING CLUTCH AT EACH END OF TRAVEL WITH AN AUDIBLE CLICK TO DEFINE EXTREMITIES. ALL ARE SEALED TO WITHSTAND IMMERSION IN BOARD WASHING SOLVENTS.

### FEATURES

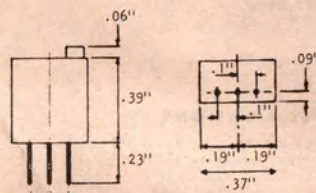
- SLIM PROFILE
- FLAME RETARDANT
- AUDIBLE SIGNAL AT CLUTCH END
- LOW TEMP. COEFFICIENT: ±100ppm/°C

### ELECTRICAL

- POWER RATING: .5W@70°C
- OPERATING VOLTAGE: 300V
- TOLERANCE: ±10%
- OPERATING TEMPERATURE: -55°C TO +125°C
- DIELECTRIC STRENGTH: 430 VAC
- INSULATION RESISTANCE: 1000MΩ@500V

### MECHANICAL

- MECHANICAL ADJUSTMENT: 25 TURNS NOMINAL
- OPERATING TORQUE: 21gm/cm
- MECHANICAL STOPS: SLIPPING AUDIBLE CLUTCH AT BOTH ENDS



### CROSS REFERENCE CHART

MOUSER #	WESTON	SPECTROL	BECKMAN	BOURNS
ME323-4290W	950W	64W	68W	-----

STOCK NO.	OHMS	PRICE EACH			
		1	10	100	500
ME323-4290W-1K	1K	2.41	2.20	1.99	CALL FOR QUOTE
ME323-4290W-2K	2K	2.41	2.20	1.99	
ME323-4290W-5K	5K	2.41	2.20	1.99	
ME323-4290W-10K	10K	2.41	2.20	1.99	
ME323-4290W-20K	20K	2.41	2.20	1.99	
ME323-4290W-50K	50K	2.41	2.20	1.99	
ME323-4290W-100K	100K	2.41	2.20	1.99	

TECHNICAL ASSISTANCE AVAILABLE



# MOUSER® Cermet Trimmer Potentiometers

## MOUSER® SEALED CERMET POTENTIOMETERS

### SINGLETURN

THIS RANGE OF SQUARE, SINGLE TURN, TRIMMING POTENTIOMETERS IS IDEAL FOR INDUSTRIAL AND PROFESSIONAL EQUIPMENT APPLICATIONS WHERE DEMAND FOR A SMALL AND HIGHLY RELIABLE COMPONENT IS REQUIRED.

#### FEATURES

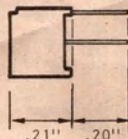
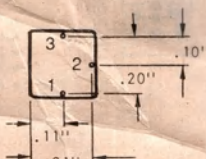
- CERMET ELEMENT
- VERY SMALL SIZE
- ENCLOSURE SEALED
- 0.5W RATING AT 70°C
- FLAME RETARDANT
- P.C.B. STANDOFFS
- ROBUST CONSTRUCTION

THE CERMET RESISTIVE ELEMENT USED IN ITS CONSTRUCTION ENSURES THE ADVANTAGES ASSOCIATED WITH THIS TYPE OF TRIMMER. IT HAS A UNIVERSALLY ACCEPTED DESIGN OF ADJUSTMENT HEAD AND IS RESISTANT TO ALL KNOWN P.C.B. WASHING SOLVENTS.

NEW  
IN 88



SLOT .02" WIDE x .10" LONG  
x .04" DEEP



#### CROSS REFERENCE

BOURNS 3323  
ALLEN-BRADLEY A10  
SPECTROL 67  
DUBILIER W780-10M

STOCK NO.	PRICE EACH			
	1	10	100	500
ME323-4255P-500	1.68	1.20	1.10	.99
ME323-4255P-1K	1.68	1.20	1.10	.99
ME323-4255P-5K	1.68	1.20	1.10	.99
ME323-4255P-10K	1.68	1.20	1.10	.99
ME323-4255P-20K	1.68	1.20	1.10	.99
ME323-4255P-50K	1.68	1.20	1.10	.99
ME323-4255P-100K	1.68	1.20	1.10	.99
ME323-4255P-500K	1.68	1.20	1.10	.99
ME323-4255P-1MEG	1.68	1.20	1.10	.99

## MOUSER® CERMET POTENTIOMETERS

### 7/8" SHAFT

THESE HIGH RELIABILITY CERMET POTENTIOMETERS ARE MANUFACTURED TO A COMMERCIAL STANDARD FOR GENERAL PURPOSE APPLICATIONS. OTHER VALUES ARE AVAILABLE. CALL OUR SALES DEPT. FOR A QUOTE.

#### SPECIFICATIONS

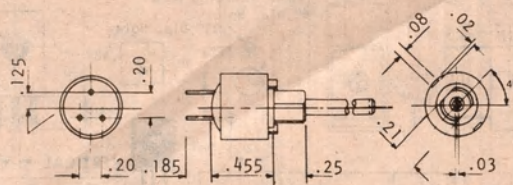
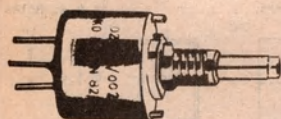
- POWER RATING: .5W @ 70°C
- ISOLATION VOLTAGE: 450VDC
- TOLERANCE: ±20%
- OPERATING TEMPERATURE: -55°C to +125°C
- LOAD LIFE: 3% CHANGE OF TOTAL RESISTANCE (1000 HRS.)

#### MECHANICAL

- ELECTRICAL ROTATION: 260°
- MECHANICAL ROTATION: 295° ±5°

#### FEATURES

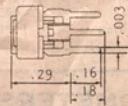
- SHAFT LENGTH: .875"
- DIAMETER: .5"
- SLOTTED END
- LOCKNUT INCLUDED



(DIMENSIONS IN INCHES)

STOCK NO.	PRICE EACH			
	1	10	25	50
ME323-6000-1K	8.56	7.13	6.49	CALL
ME323-6000-10K	8.56	7.13	6.49	FOR
ME323-6000-100K	8.56	7.13	6.49	QUOTE

## MOUSER® CERMET TRIMMER POTENTIOMETERS



Slot .12" long  
x .003 wide  
x .003 deep

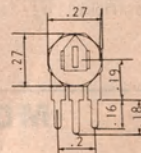
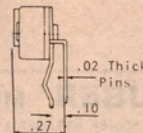
THESE SMALL SINGLE TURN TRIMMING POTENTIOMETERS HAVE ALL THE ADVANTAGES ASSOCIATED WITH THE CERMET RESISTANCE ELEMENT. DIMENSIONS IN INCHES.

#### FEATURES

- GENERAL PURPOSE
- DUST PROOF
- PCB STANDOFFS

#### SPECIFICATIONS

- POWER RATING: 0.3W @ 70°C
- OPERATING VOLTAGE: 100V
- TOLERANCE: ±20%
- OPERATING TEMPERATURE: -25°C to +100°C
- TEMPERATURE COEFFICIENT: ±200ppm/°C
- MECHANICAL ADJUSTMENT: SINGLE TURN - 200° NOMINAL



#### VERTICAL

STOCK NO.	PRICE EACH			
	1	10	100	500
ME323-5100-470	1.23	.95	.86	CALL
ME323-5100-1K	1.23	.95	.86	FOR
ME323-5100-4.7K	1.23	.95	.86	QUOTE
ME323-5100-10K	1.23	.95	.86	
ME323-5100-22K	1.23	.95	.86	
ME323-5100-47K	1.23	.95	.86	
ME323-5100-100K	1.23	.95	.86	
ME323-5100-220K	1.23	.95	.86	
ME323-5100-470K	1.23	.95	.86	
ME323-5100-1M	1.23	.95	.86	

#### HORIZONTAL

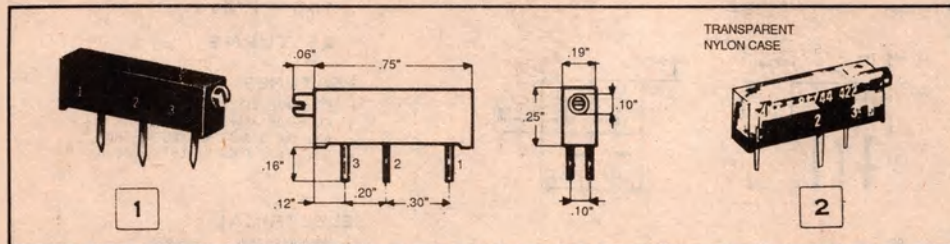
STOCK NO.	PRICE EACH			
	1	10	100	500
ME323-5000-470	1.23	.95	.86	CALL
ME323-5000-1K	1.23	.95	.86	FOR
ME323-5000-4.7K	1.23	.95	.86	QUOTE
ME323-5000-10K	1.23	.95	.86	
ME323-5000-22K	1.23	.95	.86	
ME323-5000-47K	1.23	.95	.86	
ME323-5000-100K	1.23	.95	.86	
ME323-5000-220K	1.23	.95	.86	
ME323-5000-470K	1.23	.95	.86	
ME323-5000-1M	1.23	.95	.86	



# MOUSER® Precision Cermet Trimmer Potentiometers

## 3/4" 20 TURN, RECTANGULAR POTENTIOMETERS

THESE HIGH QUALITY PRECISION CERMET TRIMMER POTENTIOMETERS FEATURE A STURDY, 20 TURN MECHANICAL ADJUSTMENT. THEY OFFER PRECISE CONTROL OVER A WIDE RESISTANCE RANGE AND SAVE PCB SPACE TOO. CALL OUR SALES DEPARTMENT FOR A QUOTE.



### WITH STANDARD PLASTIC CASE

STOCK NO.	FIG.	OHMS	PRICE EACH			
			1	10	100	500
32NA205	1	500	1.69	1.38	1.29	CALL FOR QUOTE
32NA301	1	1K	1.69	1.38	1.29	
32NA305	1	5K	1.69	1.38	1.29	
32NA401	1	10K	1.69	1.38	1.29	
32NA402	1	20K	1.69	1.38	1.29	
32NA405	1	50K	1.69	1.38	1.29	
32NA501	1	100K	1.69	1.38	1.29	
32NA502	1	200K	1.69	1.38	1.29	
32NA505	1	500K	1.69	1.38	1.29	CALL FOR QUOTE
32NA601	1	1MEG	1.69	1.38	1.29	



### SPECIFICATIONS

#### ELECTRICAL

- POWER RATING: 0.75W @ 40°C
- OPERATING VOLTAGE: 300V
- TOLERANCE: ±10%
- OPERATING TEMPERATURE: -65°C to +125°C
- TEMPERATURE COEFFICIENT: ±100 PPM/°C MAX
- DIELECTRIC STRENGTH: 350VAC
- INSULATION RESISTANCE: 100MEG OHM

#### MECHANICAL

- MECHANICAL ADJUSTMENT: 20 TURNS NOMINAL
- OPERATING TORQUE: 360 G CM MAX
- MECHANICAL STOPS: SLIPPING CLUTCH AT BOTH ENDS
- CONSTRUCTION: ENCLOSURE IS FULLY SEALED TO OVERCOME IMMERSION TEST OF MIL-R-22097
- LEAD SOLDERABILITY: MEETS THE REQUIREMENTS OF MIL-STD-202, METHOD 208A

### FEATURES

- WIDE RESISTANCE RANGE.
- METAL GLAZE ELEMENT FOR ESSENTIALLY INFINITE RESOLUTION OUTPUT.
- VERY LOW REACTANCE IN HIGH FREQUENCY APPLICATIONS.
- EXCELLENT OVERLOAD CAPACITY.
- MAXIMUM RELIABILITY ENSURED BY MINIMUM NUMBER OF PARTS.
- COMPLETELY SEALED AGAINST DUST AND HUMIDITY.
- SAVINGS IN SPACE PROVIDED BY MINIATURE CONFIGURATION.
- P.C. PINS ARE BOTH SOLDERABLE AND WELDABLE.
- EASY TOP OR SIDE ADJUSTMENT BY MEANS OF A STURDY, WIDE SCREWDRIVER SLOT
- BUILT-IN STANDOFFS TO FACILITATE WASHING AND FLUX REMOVAL

CAUTION: TRANSPARENT CASE IS NYLON. DO NOT USE ALCOHOL SOLVENTS.

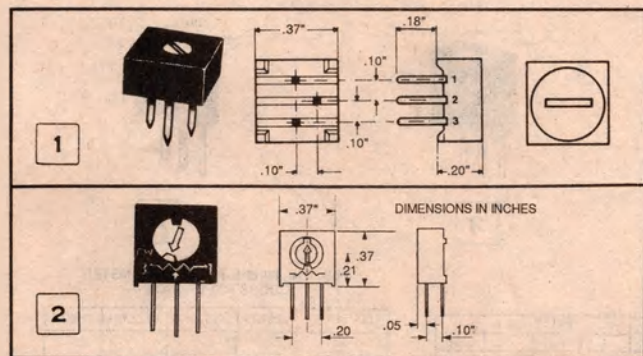
### WITH TRANSPARENT NYLON CASE

STOCK NO.	FIG.	OHMS	PRICE EACH			
			1	10	100	500
ME323-422-500	2	1.89	1.57	1.43	CALL FOR QUOTE	CALL FOR QUOTE
ME323-422-1K	2	1.89	1.57	1.43		
ME323-422-5K	2	1.89	1.57	1.43		
ME323-422-10K	2	1.89	1.57	1.43		
ME323-422-20K	2	1.89	1.57	1.43		
ME323-422-50K	2	1.89	1.57	1.43		
ME323-422-100K	2	1.89	1.57	1.43		
ME323-422-200K	2	1.89	1.57	1.43		
ME323-422-500K	2	1.89	1.57	1.43	CALL FOR QUOTE	CALL FOR QUOTE
ME323-422-1M	2	1.89	1.57	1.43		

### CROSS-REFERENCE CHART

MOUSER NO.	WESTON	SPECTROL	BECKMAN	BOURNS	CTS	ALLEN-BRADLEY
32NA/ME323	830P	43P	89P	3006P	186	94P/RT5L

## 3/8" SQUARE POTENTIOMETERS



### CROSS-REFERENCE CHART

MOUSER	WESTON	SPECTROL	BECKMAN	BOURNS	CTS	ALLEN BRADLEY
32NF	840P	63P	72P	3386P	362Y	E2A
ME323-4295X	840X	63V	72XW	3386B	360S	E4C

### SPECIFICATIONS

#### ELECTRICAL

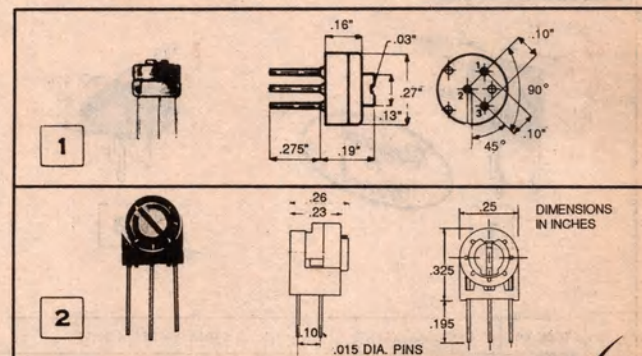
- POWER RATING: .5W @ 70°C
- OPERATING VOLTAGE: 200V
- TOLERANCE: ±10%
- OPERATING TEMPERATURE: -55°C TO +125°C
- TEMPERATURE COEFFICIENT: ±100PPM/°C MAX
- DIELECTRIC STRENGTH: 500VAC
- INSULATION RESISTANCE: 100MEG OHM

#### MECHANICAL

- MECHANICAL ADJUSTMENT: SINGLE TURN
- OPERATING TORQUE: 360G CM MAX
- MECHANICAL TRAVEL: 300° NOMINAL
- ELECTRICAL TRAVEL: 280° NOMINAL

STOCK NO.	FIG.	OHMS	PRICE EACH			
			1	10	100	500
32NF205	1	500	1.39	1.07	1.05	CALL FOR QUOTE
32NF301	1	1K	1.39	1.07	1.05	
32NF305	1	5K	1.39	1.07	1.05	
32NF401	1	10K	1.39	1.07	1.05	
32NF402	1	20K	1.39	1.07	1.05	
32NF405	1	50K	1.39	1.07	1.05	
32NF501	1	100K	1.39	1.07	1.05	
32NF502	1	200K	1.39	1.07	1.05	CALL FOR QUOTE
32NF505	1	500K	1.39	1.07	1.05	
32NF601	1	1MEG	1.39	1.07	1.05	
ME323-4295X-500	2	500	1.59	1.33	1.20	
ME323-4295X-1K	2	1K	1.59	1.33	1.20	
ME323-4295X-5K	2	5K	1.59	1.33	1.20	
ME323-4295X-10K	2	10K	1.59	1.33	1.20	
ME323-4295X-20K	2	20K	1.59	1.33	1.20	
ME323-4295X-50K	2	50K	1.59	1.33	1.20	CALL FOR QUOTE
ME323-4295X-100K	2	100K	1.59	1.33	1.20	
ME323-4295X-200K	2	200K	1.59	1.33	1.20	
ME323-4295X-500K	2	500K	1.59	1.33	1.20	
ME323-4295X-1MEG	2	1MEG	1.59	1.33	1.20	

## 1/4" ROUND POTENTIOMETERS



- CONSTRUCTION: ENCLOSURE IS FULLY SEALED TO OVERCOME IMMERSION TEST OF MIL-R-22097.
- LEAD SOLDERABILITY: MEETS THE REQUIREMENTS OF MIL-STD-202, METHOD 208A.



### SPECIFICATIONS

#### ELECTRICAL

- POWER RATING: .5W @ 70°C
- OPERATING VOLTAGE: 200V
- TOLERANCE: ±20%
- OPERATING TEMPERATURE: -55°C TO +125°C
- TEMPERATURE COEFFICIENT: ±100PPM/°C (-15°C TO +85°C)
- DIELECTRIC STRENGTH: 200VAC
- INSULATION RESISTANCE: 100 MEG OHM

#### MECHANICAL

- MECHANICAL ADJUSTMENT: SINGLE TURN
- MECHANICAL TRAVEL: 270° NOMINAL
- ELECTRICAL TRAVEL: 240° NOMINAL
- OPERATING TORQUE: 350G CM MAX
- STATIC STOP STRENGTH: 500G CM MIN

MOUSER	SPECTROL	BECKMAN	BOURNS	ALLEN BRADLEY
32NW	62-1	82P/62P/61P	3329H	81E/A2A

STOCK NO.	FIG.	OHMS	PRICE EACH			
			1	10	100	500
32NW205	1	500	2.20	1.99	1.84	CALL FOR QUOTE
32NW301	1	1K	2.20	1.99	1.84	
32NW305	1	5K	2.20	1.99	1.84	
32NW401	1	10K	2.20	1.99	1.84	
32NW402	1	20K	2.20	1.99	1.84	
32NW405	1	50K	2.20	1.99	1.84	
32NW501	1	100K	2.20	1.99	1.84	
32NW502	1	200K	2.20	1.99	1.84	CALL FOR QUOTE
32NW505	1	500K	2.20	1.99	1.84	
32NW601	1	1MEG	2.20	1.99	1.84	
ME323-4100-500	2	500	2.49	1.99	1.84	
ME323-4100-1K	2	1K	2.49	1.99	1.84	
ME323-4100-5K	2	5K	2.49	1.99	1.84	
ME323-4100-10K	2	10K	2.49	1.99	1.84	
ME323-4100-20K	2	20K	2.49	1.99	1.84	
ME323-4100-50K	2	50K	2.49	1.99	1.84	CALL FOR QUOTE
ME323-4100-100K	2	100K	2.49	1.99	1.84	
ME323-4100-200K	2	200K	2.49	1.99	1.84	
ME323-4100-500K	2	500K	2.49	1.99	1.84	
ME323-4100-1MEG	2	1MEG	2.49	1.99	1.84	

QUANTITY DISCOUNTS ON ALL ITEMS - CALL



# Trimmer Potentiometers

## MOUSER® MULTI-TURN CERMET FILM TRIMMER POTENTIOMETERS

THE MOUSER 4290 SERIES OF SQUARE MULTITURN TRIMMING POTENTIOMETERS HAVE BEEN DESIGNED FOR INDUSTRIAL AND PROFESSIONAL APPLICATIONS WHERE SIZE AND RELIABILITY ARE MAJOR CONSIDERATIONS. THE CERMET RESISTANCE ELEMENT IS ACTUATED BY AN INSULATED LEAD SCREW WITH A SLIPPING CLUTCH AT EACH END OF TRAVEL WITH AN AUDIBLE CLICK TO DEFINE EXTREMITIES. ALL ARE SEALED TO WITHSTAND IMMERSION IN BOARD WASHING SOLVENTS.

- 10% TOLERANCE
- 100 PPM/°C
- 25 TURNS

### FEATURES

- SLIM PROFILE
- FLAME RETARDANT
- AUDIBLE SIGNAL AT CLUTCH END
- LOW TEMP. COEFFICIENT:  $-100\text{ppm}/^\circ\text{C}$

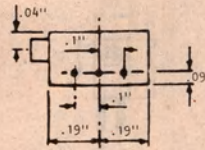
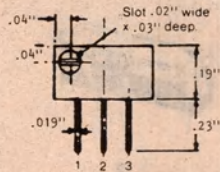
### ELECTRICAL

- POWER RATING:  $.5\text{W}@70^\circ\text{C}$
- OPERATING VOLTAGE: 300V
- TOLERANCE:  $\pm 10\%$
- OPERATING TEMPERATURE:  $-55^\circ\text{C}$  TO  $+125^\circ\text{C}$
- DIELECTRIC STRENGTH: 430 VAC
- INSULATION RESISTANCE: 1000M @500V

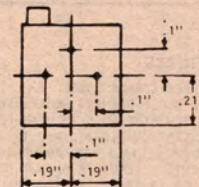
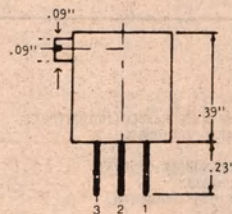
### MECHANICAL

- MECHANICAL ADJUSTMENT: 25 TURNS NOMINAL
- OPERATING TORQUE: 21gm/cm
- MECHANICAL STOPS: SLIPPING AUDIBLE CLUTCH AT BOTH ENDS

1



2



### HORIZONTAL STYLE

STOCK NO.	STOCK VALUE (OHMS)	FIG	PRICE EACH			
			1	10	100	500
ME323-4290P-1K	1	2.92	2.44	2.22	CALL FOR QUOTE	
ME323-4290P-5K	1	2.92	2.44	2.22		
ME323-4290P-10K	1	2.92	2.44	2.22		
ME323-4290P-20K	1	2.92	2.44	2.22		
ME323-4290P-50K	1	2.92	2.44	2.22		
ME323-4290P-100K	1	2.92	2.44	2.22		

### VERTICAL STYLE

STOCK NO.	STOCK VALUE (OHMS)	FIG	PRICE EACH			
			1	10	100	500
ME323-4290X-1K	2	2.92	2.44	2.22	CALL FOR QUOTE	
ME323-4290X-5K	2	2.92	2.44	2.22		
ME323-4290X-10K	2	2.92	2.44	2.22		
ME323-4290X-20K	2	2.92	2.44	2.22		
ME323-4290X-50K	2	2.92	2.44	2.22		
ME323-4290X-100K	2	2.92	2.44	2.22		
ME323-4290X-500K	2	2.92	2.44	2.22		

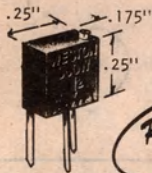
### CROSS-REFERENCE CHART

STOCK NO.	WESTON	SPECTRAL	BECKMAN
ME323-4290P	950P	52P	68P
ME323-4290X	950X	64X	68X

SANGAMO WESTON

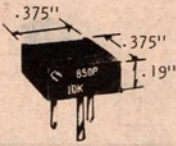
Schlumberger

## COMMERCIAL MULTITURN CERMET FILM TRIMMERS

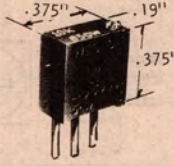


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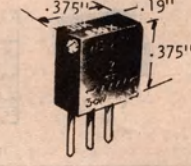
*Reduced to Move!*



2



3



4

STOCK NO.	FIG.	TURNS	WATTS	STOCK VALUES (OHMS)	PRICE EACH			
					1	100	500	1000
593-950P	2	22	1.0	1K, 5K, 10K,	2.54	2.19	1.89	CALL FOR QUOTE
593-950W	3	22	.5	50K	2.10	1.91	1.74	
593-950X	4	22	.5	50K	2.54	2.19	1.89	

### WESTON TRIMMER POTENTIOMETER CROSS-REFERENCE

MOUSER #	WESTON	SPECTROL	BECKMAN	BURNS
593-950P	950P	52P	68P	-----
593-950W	950W	64W	68W	-----
593-950X	950X	64X	68X	-----

SANGAMO WESTON

Schlumberger

## WIREWOUND POTENTIOMETERS

5/16 SQUARE WIREWOUND POTENTIOMETER  
PC PINS 180° FROM SCREW

*Reduced to Move!*

5% RESISTANCE TOLERANCE



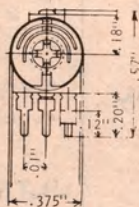
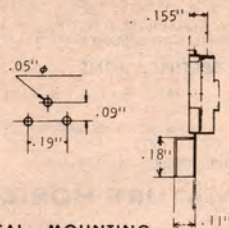
STOCK NO.	VALUE (OHMS)	STOPS	TURNS	WATTS	TOL.	DIMENSIONS (IN)			PRICE EACH			
						A	B	C	1	10	25	50
593-502-00HS-102	1K	WIPER IDLES AT END OF TRAVEL	15	.6	5%	.175	.312	.312	2.99	2.65	2.29	CALL FOR QUOTE

THESE WIREWOUND POTENTIOMETERS PROVIDE A HIGHER POWER RATING THAN THE CERMET FILM TRIMMERS. THEY HAVE PRINTED CIRCUIT PINS BASE MOUNTED 180° FROM SCREW.



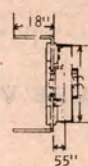
# MOUSER® Trimmer Potentiometers

## FULLY ENCLOSED MINIATURE TRIMMER POTENTIOMETERS



CROSS REFERENCE

MOUSER	BOURNS	PIHER	BECKMAN	A-B
ME321-1100	VA05H	PT10V	91E	90H
ME321-1000	VA05V	PT10H2	91T	90V



### VERTICAL MOUNTING

STOCK NO.	PRICE EACH			
	1	10	100	500
ME321-1000-500	.46	.34	.31	CALL FOR QUOTE
ME321-1000-1K	.46	.34	.31	
ME321-1000-5K	.46	.34	.31	
ME321-1000-10K	.46	.34	.31	
ME321-1000-25K	.46	.34	.31	
ME321-1000-50K	.46	.34	.31	
ME321-1000-100K	.46	.34	.31	
ME321-1000-250K	.46	.34	.31	
ME321-1000-500K	.46	.34	.31	
ME321-1000-1M	.46	.34	.31	

### Electrical SPECIFICATIONS

- TOLERANCE:  $\pm 30^\circ$
- TAPER: LINEAR
- POWER RATING: .1W (+70°C)
- OPERATING TEMP: -10°C TO +70°C
- MECHANICAL ROTATION:  $280^\circ \pm 10^\circ$
- ROTATIONAL TORQUE: 30 TO 300g cm

### Mechanical SPECIFICATIONS

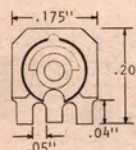
- FULLY ENCLOSED
- CARBON COMPOSITION SHIELDS AGAINST FOREIGN MATTER AND SOLDER FLUX.
- PRECISION MOLDED HOUSING ASSURES GREATER RELIABILITY

### HORIZONTAL MOUNTING

STOCK NO.	PRICE EACH			
	1	10	100	500
ME321-1100-500	.46	.34	.31	CALL FOR QUOTE
ME321-1100-1K	.46	.34	.31	
ME321-1100-5K	.46	.34	.31	
ME321-1100-10K	.46	.34	.31	
ME321-1100-25K	.46	.34	.31	
ME321-1100-30K	.46	.34	.31	
ME321-1100-50K	.46	.34	.31	
ME321-1100-100K	.46	.34	.31	
ME321-1100-250K	.46	.34	.31	
ME321-1100-500K	.46	.34	.31	
ME321-1100-1M	.46	.34	.31	

## LEADLESS CHIP TRIMMER RESISTORS

THESE STATE OF THE ART ULTRA-MICRO TRIMMERS ARE DESIGNED TO MEET THE MOST MINIMUM SPACE REQUIREMENTS FOR SUITABLE PC BOARD. WHEN SPACE IS AT A PREMIUM, THESE TRIMMERS SHOULD BE DESIGNED INTO YOUR APPLICATION.



- HI-RELIABILITY
- LINEAR TAPER
- LEADLESS MOUNTING

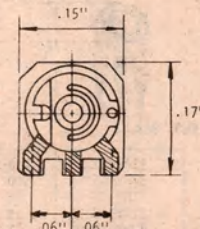
STOCK NO.	PRICE EACH			
	1	10	100	500
ME321-3000-500	.68	.52	.42	CALL FOR QUOTE
ME321-3000-1K	.68	.52	.42	
ME321-3000-2K	.68	.52	.42	
ME321-3000-5K	.68	.52	.42	
ME321-3000-10K	.68	.52	.42	
ME321-3000-25K	.68	.52	.42	
ME321-3000-50K	.68	.52	.42	
ME321-3000-100K	.68	.52	.42	
ME321-3000-250K	.68	.52	.42	
ME321-3000-500K	.68	.52	.42	
ME321-3000-1M	.68	.52	.42	

### SPECIFICATIONS

- TOLERANCE:  $\pm 30\%$
- TAPER: LINEAR
- POWER RATING: .25W
- OPERATING TEMP: -55°C TO +125°C
- ROTATIONAL TORQUE: 20 TO 200g cm
- MECHANICAL ROTATION:  $200^\circ$

## LEADLESS CHIP TRIMMER POTENTIOMETERS

THESE STATE OF THE ART ULTRA-MICRO TRIMMERS ARE DESIGNED TO MEET THE MOST MINIMUM SPACE REQUIREMENTS FOR SUITABLE PC BOARD. WHEN SPACE IS AT A PREMIUM, THESE TRIMMERS SHOULD BE DESIGNED INTO YOUR APPLICATION.



### FEATURES

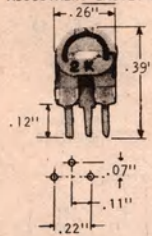
- TOLERANCE:  $\pm 30\%$
- TAPER: LINEAR
- POWER RATING: .25W
- OPERATING TEMP: -40°C TO +100°C
- ROTATIONAL TORQUE: 20 TO 200g cm
- MECHANICAL ROTATION:  $250^\circ$
- TEMPERATURE COEFFICIENT:  $\pm 250\text{ppm}/^\circ\text{C}$

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME321-3100-1K	1K	.68	.52	.42	CALL FOR QUOTE
ME321-3100-2.2K	2.2K	.68	.52	.42	
ME321-3100-4.7K	4.7K	.68	.52	.42	
ME321-3100-22K	22K	.68	.52	.42	
ME321-3100-47K	47K	.68	.52	.42	

- HI-RELIABILITY
- LINEAR TAPER
- LEADLESS MOUNTING

## MICRO-MINIATURE TRIMMER POTENTIOMETERS

THESE MICRO-MINIATURE TRIMMERS, DESIGNED FOR PRINTED CIRCUIT APPLICATIONS, REQUIRE MINIMUM SPACE IN PC BOARD APPLICATIONS. THEY ARE USED IN A WIDE VARIETY OF INDUSTRIAL AND COMMERCIAL APPLICATIONS, INCLUDING MEDICAL AND COMMUNICATIONS EQUIPMENT. ADJUSTMENT EASILY MADE WITH SCREWDRIVER.



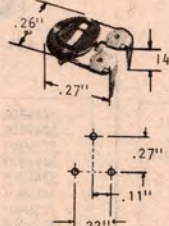
### VERTICAL MOUNTING

STOCK NO.	PRICE EACH			
	1	10	100	500
ME321-2100-500	.46	.35	.30	CALL FOR QUOTE
ME321-2100-1K	.46	.35	.30	
ME321-2100-5K	.46	.35	.30	
ME321-2100-10K	.46	.35	.30	
ME321-2100-25K	.46	.35	.30	
ME321-2100-50K	.46	.35	.30	
ME321-2100-100K	.46	.35	.30	
ME321-2100-250K	.46	.35	.30	
ME321-2100-500K	.46	.35	.30	
ME321-2100-1M	.46	.35	.30	

### SPECIFICATIONS

- TOLERANCE:  $\pm 30\%$
- TAPER: LINEAR
- POWER RATING: .05W
- ROTATIONAL TORQUE: 20 TO 300g cm
- MECHANICAL ROTATION:  $220^\circ$

- HI-RELIABILITY



### HORIZONTAL MOUNTING

STOCK NO.	PRICE EACH			
	1	10	100	500
ME321-2000-500	.46	.35	.30	CALL FOR QUOTE
ME321-2000-1K	.46	.35	.30	
ME321-2000-5K	.46	.35	.30	
ME321-2000-10K	.46	.35	.30	
ME321-2000-25K	.46	.35	.30	
ME321-2000-50K	.46	.35	.30	
ME321-2000-100K	.46	.35	.30	
ME321-2000-250K	.46	.35	.30	
ME321-2000-500K	.46	.35	.30	
ME321-2000-1M	.46	.35	.30	

## CERMET FILM TRIMMERS

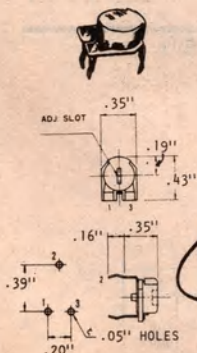
### SUB MINIATURE HORIZONTAL 0.3 WATT

THESE SMALL SIZE TRIMMERS, DESIGNED FOR PRINTED CIRCUIT APPLICATIONS, REQUIRE MINIMUM SPACE IN PC BOARD APPLICATIONS. LINEAR TAPER.

### SPECIFICATIONS

- TOLERANCE:  $\pm 20\%$
- TAPER: LINEAR
- POWER RATING: 0.3W
- ROTATIONAL ANGLE:  $260^\circ \pm 10^\circ$
- ROTATIONAL TORQUE: 30 TO 300g cm
- OPERATING VOLTAGE: 250V
- OPERATIONAL LIFE: 100 CYCLES

STOCK NO.	VALUE OHM	PRICE EACH			
		1	10	100	500
32RC205	500	.25	.22	.17	CALL FOR QUOTE



Reduced to .20mm!

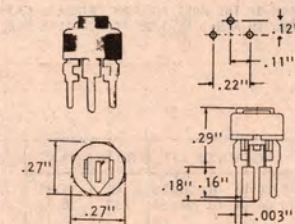
## CERMET TRIMMER POTENTIOMETERS

### SPECIFICATIONS

- TOLERANCE:  $\pm 20\%$
- TAPER: LINEAR
- POWER RATING: 0.3W @ 70°C
- OPERATING VOLTAGE: 100V
- OPERATING TEMP: -25°C TO +100°C
- MECHANICAL ROTATION: SINGLE TURN -200° NOMINAL
- TEMP. COEFFICIENT:  $\pm 200\text{ppm}/^\circ\text{C}$

### HORIZONTAL

STOCK NO.	PRICE EACH			
	1	10	100	500
ME323-5000-470	1.23	.95	.86	CALL FOR QUOTE
ME323-5000-1K	1.23	.95	.86	
ME323-5000-4.7K	1.23	.95	.86	
ME323-5000-10K	1.23	.95	.86	
ME323-5000-22K	1.23	.95	.86	
ME323-5000-47K	1.23	.95	.86	
ME323-5000-100K	1.23	.95	.86	
ME323-5000-220K	1.23	.95	.86	
ME323-5000-470K	1.23	.95	.86	
ME323-5000-1M	1.23	.95	.86	



ONE-STOP SHOPPING SAVES TIME

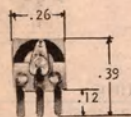


# MOUSER® Trimmer Potentiometers

## HI-REL SERIES

THESE SMALL SIZE TRIMMERS, DESIGNED FOR PRINTED CIRCUIT APPLICATIONS, REQUIRE MINIMUM SPACE IN PC BOARD APPLICATIONS. THEY ARE USED IN A WIDE VARIETY OF INDUSTRIAL AND COMMERCIAL APPLICATIONS, INCLUDING MEDICAL AND COMMUNICATIONS EQUIPMENT. 220° ROTATION. ADJUSTMENT EASILY MADE WITH SCREW-DRIVER. LINEAR TAPER. ALL DIMENSIONS IN INCHES.

### MICRO-MINIATURE VERTICAL



0.05 WATT

PC BOARD MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32RF205	500	.47	.37	.32	CALL FOR QUOTE
32RF301	1K	.47	.37	.32	
32RF302	2K	.47	.37	.32	
32RF305	5K	.47	.37	.32	
32RF401	10K	.47	.37	.32	
32RF403	25K	.47	.37	.32	
32RF405	50K	.47	.37	.32	
32RF501	100K	.47	.37	.32	
32RF503	250K	.47	.37	.32	
32RF505	500K	.47	.37	.32	

### SUB-MINIATURE VERTICAL



PC BOARD MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32HA202	200	.35	.29	.23	CALL FOR QUOTE
32HA205	500	.35	.29	.23	
32HA301	1K	.35	.29	.23	
32HA302	2K	.35	.29	.23	
32HA305	5K	.35	.29	.23	
32HA401	10K	.35	.29	.23	
32HA405	50K	.35	.29	.23	
32HA501	100K	.35	.29	.23	
32HA503	250K	.35	.29	.23	
32HA601	1 MEG	.35	.29	.23	

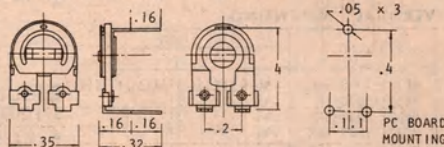
## STANDARD SERIES

THESE TRIMMERS ARE SIMILAR TO OUR HI-REL SERIES, BUT FEATURE A MUCH LOWER PRICE TAG. THEY ARE DESIGNED FOR P.C. BOARD MOUNTING AND REQUIRE A MINIMUM OF SPACE FOR COMMERCIAL, INDUSTRIAL, AND CONSUMER APPLICATIONS.

### SPECIFICATIONS

- TOLERANCE  $\pm 20\%$
- WATTAGE RATED: 0.1 WATT
- LINEAR TAPER
- ROTATION ANGLE:  $230^\circ \pm 20^\circ$
- ROTATION TORQUE: 50-350g/cm

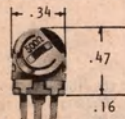
### ULTRA-MINIATURE HORIZONTAL



PC BOARD MOUNTING

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
32AA301	1K	.20	.15	.12	CALL FOR QUOTE
32AA305	5K	.20	.15	.12	
32AA401	10K	.20	.15	.12	
32AA405	50K	.20	.15	.12	
32AA501	100K	.20	.15	.12	
32AA505	500K	.20	.15	.12	

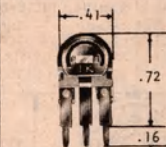
### ULTRA-MINIATURE VERTICAL



0.1 WATT

PC BOARD MOUNTING

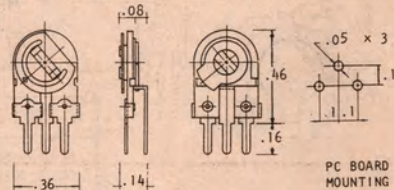
STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32RM202	200	.44	.33	.27	CALL FOR QUOTE
32RM205	500	.44	.33	.27	
32RM301	1K	.44	.33	.27	
32RM302	2K	.44	.33	.27	
32RM305	5K	.44	.33	.27	
32RM401	10K	.44	.33	.27	
32RM403	25K	.44	.33	.27	
32RM405	50K	.44	.33	.27	
32RM501	100K	.44	.33	.27	
32RM503	250K	.44	.33	.27	



PC BOARD MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32RV202	200	.44	.33	.27	CALL FOR QUOTE
32RV205	500	.44	.33	.27	
32RV301	1K	.44	.33	.27	
32RV302	2K	.44	.33	.27	
32RV305	5K	.44	.33	.27	
32RV401	10K	.44	.33	.27	
32RV403	25K	.44	.33	.27	
32RV405	50K	.44	.33	.27	
32RV501	100K	.44	.33	.27	
32RV503	250K	.44	.33	.27	

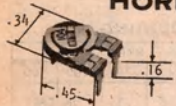
### ULTRA-MINIATURE VERTICAL



PC BOARD MOUNTING

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
32AG301	1K	.20	.15	.12	CALL FOR QUOTE
32AG305	5K	.20	.15	.12	
32AG401	10K	.20	.15	.12	
32AG405	50K	.20	.15	.12	
32AG501	100K	.20	.15	.12	
32AG505	500K	.20	.15	.12	

### ULTRA-MINIATURE HORIZONTAL



0.1 WATT

PC BOARD MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32RH202	200	.44	.33	.27	CALL FOR QUOTE
32RH205	500	.44	.33	.27	
32RH301	1K	.44	.33	.27	
32RH302	2K	.44	.33	.27	
32RH305	5K	.44	.33	.27	
32RH401	10K	.44	.33	.27	
32RH403	25K	.44	.33	.27	
32RH405	50K	.44	.33	.27	
32RH501	100K	.44	.33	.27	
32RH503	250K	.44	.33	.27	

### SUB-MINIATURE HORIZONTAL

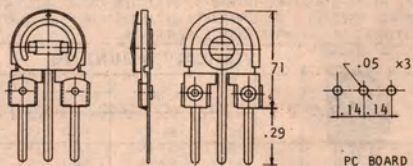


0.1 WATT

PC BOARD MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32RW202	200	.46	.35	.31	CALL FOR QUOTE
32RW205	500	.46	.35	.31	
32RW301	1K	.46	.35	.31	
32RW302	2K	.46	.35	.31	
32RW305	5K	.46	.35	.31	
32RW401	10K	.46	.35	.31	
32RW403	25K	.46	.35	.31	
32RW405	50K	.46	.35	.31	
32RW501	100K	.46	.35	.31	
32RW503	250K	.46	.35	.31	

### SUB-MINIATURE VERTICAL



PC BOARD MOUNTING

STOCK NO.	VALUE	PRICE EACH			
		1	10	100	500
32AK301	1K	.20	.15	.12	CALL FOR QUOTE
32AK305	5K	.20	.15	.12	
32AK401	10K	.20	.15	.12	
32AK405	50K	.20	.15	.12	
32AK501	100K	.20	.15	.12	
32AK505	500K	.20	.15	.12	

## Prototype Trimmer Kits



### DELUXE LAB KIT

CONTAINS 10 OR 12 EACH OF THE MOST POPULAR TRIMMERS FROM SERIES SHOWN. PACKAGED IN A 8-1/4"x1/2" TRANSPARENT BOX.

STOCK NO.	CONTENTS OF KIT	TOTAL	PRICE
37-32HA-2	10 EA OF 8 VALUES	80	19.95
37-32QV-1	10 EA OF 10 VALUES	100	28.95

### MINIATURE TRIMMER



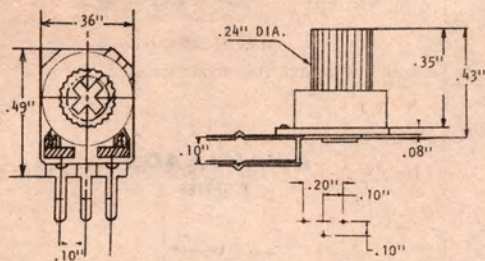
#### HORIZONTAL

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
576-20H252B	2.5K	.29	.25	.19	CALL FOR QUOTE



# MOUSER® Trimmer Potentiometers

## MOUSER® HIGH RELIABILITY TRIMMER POTENTIOMETERS



VERTICAL MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME322-9400-VALUE	500, 1K, 5K, 10K, 20K, 50K, 100K, 1 MEG	.79	.62	.55	CALL FOR QUOTE

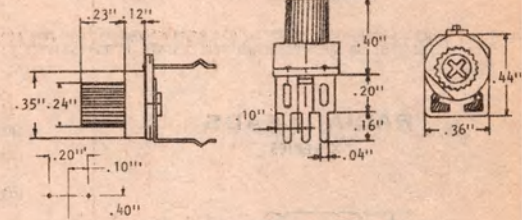
### SERRATED CONTROL KNOB

#### FEATURES

- CERMET FILM
- LINEAR TAPER
- FULLY ENCLOSED ELEMENT
- EXCELLENT CONTACT RELIABILITY
- HIGH POWER RATING

#### SPECIFICATIONS

- TOLERANCE RATING:  $\pm 20\%$
- POWER RATING: .5W @ 70°C
- OPERATING TEMP.: -30°C TO +85°C
- CONTACT RESISTANCE: LESS THAN 1 $\Omega$
- MAX. APPLIED VOLTAGE: 350VDC
- DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MIN.
- MECHANICAL ROTATION: 260°  $\pm 10\%$
- ROTATIONAL TORQUE: 20 TO 300 gCm
- OPERATING END STOP TORQUE: 0.8 KgCm
- TEMP. COEFFICIENT:  $\pm 250$  PPM/°C

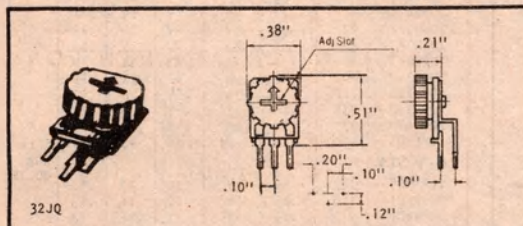


HORIZONTAL MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
ME322-9300-VALUE	500, 1K, 5K, 10K, 20K, 50K, 100K, 1 MEG	.79	.62	.55	CALL FOR QUOTE

## HIGH RELIABILITY TRIMMER POTENTIOMETERS

- CERMET FILM
- FULLY ENCLOSED ELEMENT



32JQ

THESE QUALITY CERMET POTENTIOMETERS FEATURE A HIGH POWER RATING AND EXCELLENT CONTACT RELIABILITY. IT'S MINIATURE SIZE, ENCLOSED DESIGN AND EXTREMELY STABLE CERMET TRACK MAKE IT DESIRABLE FOR A WIDE RANGE OF APPLICATIONS. IT ALSO FEATURES SERRATED KNOB WITH SCREWDRIVER SLOT FOR HAND OR TOOL ADJUSTMENT. FOR OTHER VALUES CALL OUR SALES DEPT. FOR A QUOTE.

#### SPECIFICATIONS

- TOLERANCE RATING:  $\pm 25\%$
- POWER RATING: 300mW @ 70°C
- OPERATION TEMP.: -30°C TO +85°C
- CONTACT RESISTANCE: LESS THAN 5 $\Omega$
- MAX APPLIED VOLTAGE: 350V DC
- DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MIN.
- MECHANICAL ROTATION: 260°  $\pm 10\%$
- TUNING TORQUE: 20 TO 300 g cm

#### CROSS-REFERENCE CHART

MOUSER	BOURNS	BECKMAN	ALLEN-BRADLEY	PIHER
32JQ	VA05V	91T	90V	PT10V
32JR	VA05H	91E	90H	PT10H

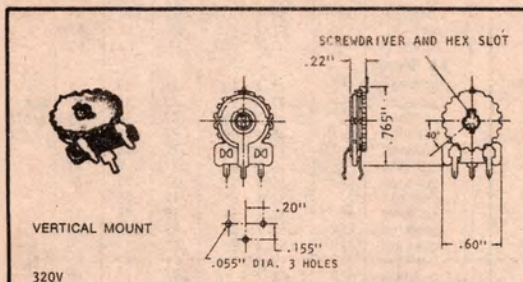
### VERTICAL MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32JQ201	100	.74	.58	.52	CALL FOR QUOTE
32JQ202	200	.74	.58	.52	
32JQ205	500	.74	.58	.52	
32JQ301	1K	.74	.58	.52	
32JQ302	2K	.74	.58	.52	
32JQ305	5K	.74	.58	.52	
32JQ401	10K	.74	.58	.52	
32JQ403	20K	.74	.58	.52	
32JQ405	50K	.74	.58	.52	
32JQ501	100K	.74	.58	.52	
32JQ601	1 MEG	.74	.58	.52	

### HORIZONTAL MOUNTING

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32JR201	100	.74	.58	.52	CALL FOR QUOTE
32JR205	500	.74	.58	.52	
32JR301	1K	.74	.58	.52	
32JR305	5K	.74	.58	.52	
32JR401	10K	.74	.58	.52	
32JR403	20K	.74	.58	.52	
32JR405	50K	.74	.58	.52	
32JR501	100K	.74	.58	.52	
32JR601	1 MEG	.74	.58	.52	

## 1/4 WATT TRIMMER POTENTIOMETERS



VERTICAL MOUNT

32QV

HIGH RELIABILITY TRIMMER POTENTIOMETERS CAN BE ADJUSTED FROM THE FRONT OR REAR BY HAND OR WITH A SCREWDRIVER. THESE ARE DIRECT REPLACEMENTS FOR STACKPOLE SERIES 20 MINIPOTS.

#### SPECIFICATIONS

- TOLERANCE:  $\pm 20\%$
- TAPER: LINEAR TAPER
- POWER RATING: 1/4 WATT
- VOLTAGE RATING: 200VDC
- ROTATION ANGLE: 260°

### MINIATURE VERTICAL

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32QV201	100	.37	.31	.27	CALL FOR QUOTE
32QV203	300	.37	.31	.27	
32QV205	500	.37	.31	.27	
32QV301	1K	.37	.31	.27	
32QV303	3K	.37	.31	.27	
32QV305	5K	.37	.31	.27	
32QV401	10K	.37	.31	.27	
32QV403	30K	.37	.31	.27	
32QV405	50K	.37	.31	.27	
32QV501	100K	.37	.31	.27	
32QV503	300K	.37	.31	.27	
32QV505	500K	.37	.31	.27	
32QV601	1MEG	.37	.31	.27	

### MINIATURE HORIZONTAL

STOCK NO.	VALUE OHMS	PRICE EACH			
		1	10	100	500
32QH201	100	.37	.31	.27	CALL FOR QUOTE
32QH301	1K	.37	.31	.27	
32QH303	3K	.37	.31	.27	
32QH305	5K	.37	.31	.27	
32QH401	10K	.37	.31	.27	
32QH403	30K	.37	.31	.27	
32QH405	50K	.37	.31	.27	
32QH501	100K	.37	.31	.27	
32QH503	300K	.37	.31	.27	
32QH505	500K	.37	.31	.27	

#### MINIPOT CROSS REFERENCE

MOUSER	STACKPOLE	PIHER	MALLORY	CTS
32QH	20H	PT15YD	MTC( )L4	X201
32QV	20V	PT15YB	MTC( )L1	U201



# MOUSER® Miniature Electrolytic Capacitors

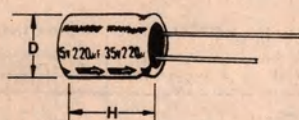
## WIDE TEMPERATURE RANGE

MOUSER'S P AND X SERIES MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS HAVE AN EXTENDED OPERATING TEMPERATURE RANGE FROM -40°C TO +85°C. ADDITIONALLY, CAPACITANCE TOLERANCES HAVE BEEN NARROWED TO -10% AND +50%. THESE NEW P AND X SERIES CAPACITORS ARE DESIGNED FOR LOWER LEAKAGE CURRENT, LOWER DISSIPATION FACTOR, EXTENDED OPERATING LIFE, AND FOR MORE OPERATION IN A WIDER RANGE OF TEMPERATURE AND HUMIDITY CONDITIONS.

THESE CAPACITORS FEATURE CASE SIZES SMALLER THAN MOST COMPETITIVE CAPACITORS. AS MUCH AS 25% SMALLER, IN SOME CASES. IDEAL FOR MINIATURIZED CIRCUITS, OR WHEN PC BOARD REAL ESTATE IS EXPENSIVE.

## RADIAL LEADS

### X SERIES



## SPECIFICATIONS

OPERATING TEMPERATURE RANGE: -40°C TO +85°C

CAPACITANCE TOLERANCE:  $\geq 4.7$  MFD  $\pm 20\%$   
 $< 4.7$  MFD  $\pm 20\%$

MAXIMUM DISSIPATION FACTORS (TANGENT OF THE LOSS ANGLE)

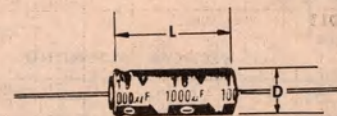
RATED VOLTAGE: 10 16 25 35 50  
 TANGENT OF THE LOSS ANGLE: .20 .17 .15 .12 .10

LEAKAGE CURRENT (AFTER APPLYING RATED VOLTAGE FOR 5 MINUTES)

I = 0.03CV + 4uA  
 I = LEAKAGE CURRENT IN uA  
 C = NOMINAL CAPACITANCE IN MFD  
 V = RATED VOLTAGE IN VOLTS

## AXIAL LEADS

### P SERIES

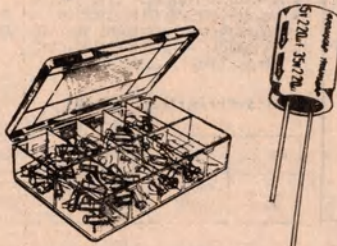


STOCK NO.	VALUE MFD	CASE SIZE D x H (IN)	PRICE EACH				
			I	100	500	1000	
10 VOLT							
20XR001	1.0	.29 X .49	.23	.10	.09	CALL FOR QUOTE	
20XR002	2.2	.29 X .49	.23	.10	.09		
20XR003	3.3	.29 X .49	.23	.10	.09		
20XK005	4.7	.24 X .49	.23	.10	.09		
20XK010	10	.24 X .49	.23	.10	.09		
20XH022	22	.24 X .65	.23	.10	.09		
20XF033	33	.24 X .49	.23	.10	.09		
20XF047	47	.24 X .49	.23	.10	.09		
20XF100	100	.28 X .49	.25	.13	.11		
20XF220	220	.31 X .65	.27	.16	.13		
20XF330	330	.39 X .73	.30	.19	.16	CALL FOR QUOTE	
20XF470	470	.39 X .73	.39	.24	.21		
20XF901	1000	.39 X 1.04	.45	.31	.27		
16 VOLT							
20XR001	1.0	.29 X .49	.23	.10	.09	CALL FOR QUOTE	
20XR002	2.2	.29 X .49	.23	.10	.09		
20XR003	3.3	.29 X .49	.23	.10	.09		
20XK005	4.7	.29 X .49	.23	.10	.09		
20XK010	10	.24 X .49	.23	.10	.09		
20XH022	22	.24 X .49	.23	.10	.09		
20XH047	47	.28 X .49	.25	.13	.11		
20XH100	100	.31 X .65	.27	.16	.13		
20XH220	220	.40 X .60	.30	.24	.21		
20XH330	330	.39 X .73	.44	.29	.25		CALL FOR QUOTE
20XH470	470	.39 X .85	.49	.35	.31		
20XH901	1000	.51 X 1.04	.60	.39	.35		
25 VOLT							
20XR001	1.0	.29 X .49	.23	.10	.09	CALL FOR QUOTE	
20XR002	2.2	.29 X .49	.23	.10	.09		
20XR003	2.3	.24 X .49	.23	.10	.09		
20XK005	4.7	.24 X .49	.23	.10	.09		
20XK010	10	.24 X .49	.23	.10	.09		
20XR022	22	.31 X .65	.33	.21	.18		
20XK033	33	.28 X .49	.27	.16	.13		
20XK047	47	.31 X .65	.33	.18	.18		
20XK100	100	.31 X .65	.34	.22	.19		
20XK220	220	.39 X .73	.45	.30	.26		CALL FOR QUOTE
20XR330	330	.51 X 1.04	.59	.45	.36		
20XK470	470	.39 X 1.04	.57	.38	.32		
20XK901	1000	.51 X 1.04	.75	.44	.42		
35 VOLT							
20XR001	1.0	.24 X .49	.23	.10	.09	CALL FOR QUOTE	
20XR002	2.2	.24 X .49	.23	.10	.09		
20XR003	2.3	.24 X .49	.23	.10	.09		
20XR005	4.7	.24 X .49	.23	.10	.09		
20XM010	10	.24 X .49	.23	.10	.09		
20XR022	22	.31 X .65	.33	.21	.18		
20XM033	33	.31 X .65	.27	.16	.13		
20XM047	47	.31 X .65	.33	.21	.18		
20XM100	100	.31 X .85	.34	.22	.19		
20XR220	220	.52 X .78	.53	.36	.29		CALL FOR QUOTE
20XR330	330	.51 X 1.04	.59	.45	.36		
20XR470	470	.51 X 1.04	.85	.61	.56		
20XR901	1000	.63 X 1.26	1.14	.86	.79		
50 VOLT							
20XR001	1.0	.24 X .49	.23	.10	.09	CALL FOR QUOTE	
20XR002	2.2	.24 X .49	.23	.10	.09		
20XR003	3.3	.24 X .49	.23	.10	.09		
20XR005	4.7	.24 X .49	.23	.10	.09		
20XR010	10	.24 X .49	.25	.13	.11		
20XR022	22	.31 X .65	.33	.21	.18		
20XR033	33	.31 X .65	.37	.23	.19		
20XR047	47	.31 X .65	.39	.24	.21		
20XR100	100	.39 X .85	.42	.27	.24		
20XR220	220	.52 X .78	.53	.36	.29		CALL FOR QUOTE
20XR330	330	.51 X 1.04	.59	.45	.36		
20XR470	470	.51 X 1.04	.85	.61	.56		
20XR901	1000	.63 X 1.26	1.14	.86	.79		

## ELECTROLYTIC PROTOTYPE KITS

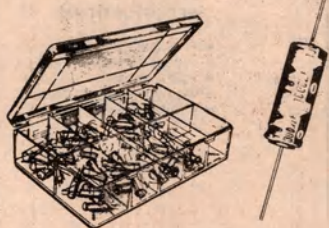
5 EACH OF 6 MOST POPULAR CAPACITORS FOR THE VOLT RANGE INDICATED PACKAGED IN TRANSPARENT BOX. TOTAL OF 30 PIECES.

## RADIAL LEADS X SERIES



STOCK NO.	WV	QTY	PRICE EACH
37-20XH-1	16	30	6.95
37-20XR-1	50	30	7.95

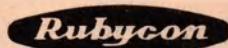
## AXIAL LEAD P SERIES



STOCK NO.	WV	QTY	PRICE EACH
37-20PK-1	25	30	7.95
37-20PR-1	50	30	8.95

STOCK NO.	VALUE MFD	CASE SIZE D x L (IN)	PRICE EACH				
			I	100	500	1000	
10 VOLT							
20PR805	.47	.25 X .49	.24	.13	.11	CALL FOR QUOTE	
20PR001	1.0	.25 X .51	.27	.16	.13		
20PR002	2.2	.25 X .49	.27	.16	.13		
20PR003	3.3	.25 X .49	.27	.16	.13		
20PK005	4.7	.25 X .50	.25	.15	.11		
20PH010	10	.27 X .50	.25	.13	.11		
20PH022	22	.25 X .52	.27	.16	.13		
20PH033	33	.25 X .50	.27	.16	.13		
20PH047	47	.28 X .49	.33	.21	.18		
20PH100	100	.40 X .98	.37	.23	.19		
20PF220	220	.31 X .79	.34	.20	.17	CALL FOR QUOTE	
20PF330	330	.40 X .73	.39	.24	.21		
20PF470	470	.40 X .80	.45	.29	.26		
20PF901	1000	.52 X 1.06	.58	.42	.34		
16 VOLT							
20PR805	.47	.25 X .49	.24	.13	.11	CALL FOR QUOTE	
20PR001	1.0	.25 X .51	.27	.16	.13		
20PR002	2.2	.25 X .49	.27	.16	.13		
20PR003	3.3	.25 X .49	.27	.16	.13		
20PK005	4.7	.25 X .50	.25	.15	.11		
20PH010	10	.25 X .50	.25	.13	.11		
20PH022	22	.25 X .52	.27	.16	.13		
20PH033	33	.25 X .50	.27	.16	.13		
20PH047	47	.28 X .49	.33	.21	.18		
20PH100	100	.40 X .98	.37	.23	.19		
20PH220	220	.40 X .80	.39	.24	.21	CALL FOR QUOTE	
20PH330	330	.40 X .73	.42	.27	.24		
20PH470	470	.40 X 1.04	.59	.45	.36		
20PH901	1000	.52 X 1.04	.65	.48	.41		
25 VOLT							
20PR805	.47	.25 X .49	.24	.13	.11	CALL FOR QUOTE	
20PR001	1.0	.25 X .51	.27	.16	.13		
20PR002	2.2	.25 X .49	.27	.16	.13		
20PR003	3.3	.25 X .49	.27	.16	.13		
20PK005	4.7	.25 X .52	.25	.15	.11		
20PK010	10	.25 X .50	.27	.16	.13		
20PK022	22	.25 X .50	.33	.21	.18		
20PK033	33	.32 X .56	.37	.23	.19		
20PK047	47	.33 X .65	.39	.24	.21		
20PK100	100	.31 X .79	.39	.24	.21		
20PK220	220	.40 X .98	.45	.29	.26	CALL FOR QUOTE	
20PK330	330	.40 X 1.04	.65	.48	.41		
20PK470	470	.52 X 1.06	.69	.52	.45		
20PK901	1000	.52 X 1.04	.77	.63	.55		
35 VOLT							
20PR805	.47	.25 X .49	.24	.13	.11	CALL FOR QUOTE	
20PR001	1.0	.25 X .51	.27	.16	.13		
20PR002	2.2	.25 X .49	.27	.16	.13		
20PR003	3.3	.25 X .49	.27	.16	.13		
20PM005	4.7	.25 X .49	.27	.16	.13		
20PM010	10	.25 X .50	.27	.16	.13		
20PM022	22	.26 X .50	.33	.21	.18		
20PM033	33	.32 X .65	.37	.23	.19		
20PM047	47	.32 X .65	.39	.24	.21		
20PM100	100	.40 X .85	.45	.29	.26		
20PM220	220	.40 X .80	.52	.32	.29	CALL FOR QUOTE	
20PR330	330	.52 X 1.04	.69	.47	.42		
20PR470	470	.63 X 1.26	.87	.65	.60		
20PR901	1000	.71 X 1.26	1.24	.94	.87		
50 VOLT							
20PR805	.47	.25 X .49	.24	.13	.11	CALL FOR QUOTE	
20PR001	1.0	.25 X .51	.27	.16	.13		
20PR002	2.2	.25 X .49	.27	.16	.13		
20PR003	3.3	.25 X .49	.27	.16	.13		
20PR005	4.7	.25 X .50	.33	.21	.18		
20PR010	10	.27 X .50	.37	.23	.19		
20PR022	22	.32 X .61	.39	.24	.21		
20PR033	33	.40 X .65	.42	.27	.24		
20PR047	47	.40 X .75	.45	.29	.26		
20PR100	100	.40 X .98	.53	.37	.29		
20PR220	220	.40 X 1.04	.62	.45	.36	CALL FOR QUOTE	
20PR330	330	.52 X 1.04	.69	.47	.42		
20PR470	470	.63 X 1.26	.87	.65	.60		
20PR901	1000	.71 X 1.26	1.24	.94	.87		

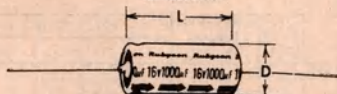




# Miniature Electrolytic Capacitors

## AXIAL LEADS TT-ML-TYPE

### N SERIES



## WIDE TEMPERATURE RANGE SPECIFICATIONS

OPERATING TEMPERATURE RANGE: -40°C TO +85°C

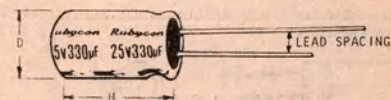
CAPACITANCE TOLERANCE:  $\pm 20\%$

MAXIMUM DISSIPATION FACTORS (% MAX AT 120 Hz)

RATED VOLTAGE: 10, 16, 25, 35, 50  
DF<sub>2</sub> 19, 16, 14, 12, 10

## RADIAL LEADS TW-MS-TYPE

### Y SERIES



STOCK NO.	VALUE MFD	CASE SIZE D x L (IN)	PRICE EACH			
			1	100	500	1000
<b>10 VOLT</b> (13 VOLT SURGE)						
20NR805	.47	.2 x .49	.39	.20	.18	CALL FOR QUOTE
20NR001	1.0	.2 x .49	.38	.21	.19	
20NR002	2.2	.2 x .49	.38	.21	.19	
20NR003	3.3	.2 x .49	.38	.21	.19	
20NK005	4.7	.2 x .49	.39	.21	.19	
20NH010	10	.2 x .45	.41	.21	.19	
20NH022	22	.25 x .49	.39	.22	.20	
20NH033	33	.25 x .49	.39	.23	.21	
20NH047	47	.25 x .63	.39	.26	.22	
20NH100	100	.31 x .63	.42	.27	.24	
20NH220	220	.39 x .79	.47	.32	.29	CALL FOR QUOTE
20NH330	330	.39 x .98	.61	.41	.37	
20NH470	470	.39 x .84	.70	.51	.43	
20NF901	1000	.42 x .94	.73	.54	.49	
20NH905	2200	.63 x 1.61	1.70	1.35	1.23	
20NH906	3300	.88 x 1.96	1.99	1.60	1.45	
20NH907	4700	.88 x 1.96	2.28	1.90	1.73	
<b>16 VOLT</b> (20 VOLT SURGE)						
20NR805	.47	.2 x .49	.39	.20	.18	CALL FOR QUOTE
20NR001	1.0	.2 x .49	.38	.21	.19	
20NR002	2.2	.2 x .49	.38	.21	.19	
20NR003	3.3	.2 x .49	.38	.21	.19	
20NK005	4.7	.2 x .49	.39	.21	.19	
20NH010	10	.2 x .49	.41	.21	.19	
20NH022	22	.25 x .49	.39	.22	.20	
20NH033	33	.25 x .49	.39	.23	.21	
20NH047	47	.25 x .63	.39	.26	.22	
20NH100	100	.31 x .63	.42	.27	.24	
20NH220	220	.39 x .79	.47	.32	.29	CALL FOR QUOTE
20NH330	330	.39 x .98	.61	.41	.37	
20NH470	470	.39 x .84	.70	.51	.43	
20NH901	1000	.63 x 1.24	.82	.63	.57	
20NH905	2200	.63 x 1.61	1.70	1.35	1.23	
20NH906	3300	.88 x 1.96	1.99	1.60	1.45	
20NH907	4700	.88 x 1.96	2.28	1.90	1.73	
<b>25 VOLT</b> (32 VOLT SURGE)						
20NR805	.47	.2 x .49	.39	.20	.18	CALL FOR QUOTE
20NR001	1.0	.2 x .49	.38	.21	.19	
20NR002	2.2	.2 x .49	.38	.21	.19	
20NR003	3.3	.2 x .49	.38	.21	.19	
20NK005	4.7	.2 x .49	.39	.21	.19	
20NK010	10	.25 x .49	.39	.21	.19	
20NK022	22	.25 x .49	.39	.24	.22	
20NK033	33	.31 x .71	.43	.28	.26	
20NK047	47	.39 x .79	.44	.30	.27	
20NK100	100	.39 x .79	.61	.41	.35	
20NK220	220	.39 x .98	.69	.46	.42	CALL FOR QUOTE
20NK470	470	.51 x 1.24	.90	.69	.63	
20NK901	1000	.87 x 1.57	1.40	1.08	.98	
20NK905	2200	.88 x 1.96	1.99	1.67	1.53	
20NK907	4700	.98 x 1.96	3.52	2.93	2.67	
<b>35 VOLT</b> (44 VOLT SURGE)						
20NR805	.47	.2 x .49	.39	.20	.18	CALL FOR QUOTE
20NR001	1.0	.2 x .49	.38	.21	.19	
20NR002	2.2	.2 x .49	.38	.21	.19	
20NR003	3.3	.2 x .49	.38	.21	.19	
20NR005	4.7	.25 x .49	.39	.24	.23	
20NR010	10	.25 x .63	.42	.26	.24	
20NR022	22	.31 x .63	.46	.31	.28	
20NR033	33	.31 x .79	.48	.31	.29	
20NM047	47	.31 x .79	.48	.31	.27	
20NM100	100	.39 x .79	.59	.39	.35	
20NR220	220	.51 x 1.24	.88	.68	.62	CALL FOR QUOTE
20NR330	330	.63 x 1.24	1.20	.98	.92	
20NH470	470	.63 x 1.24	1.22	.99	.93	
20NH901	1000	.63 x 1.61	1.99	1.69	1.54	
20NH905	2200	.88 x 1.96	2.43	1.99	1.84	
<b>50 VOLT</b> (63 VOLT SURGE)						
20NR805	.47	.2 x .49	.39	.20	.18	CALL FOR QUOTE
20NR001	1.0	.2 x .49	.38	.21	.19	
20NR002	2.2	.2 x .49	.38	.21	.19	
20NR003	3.3	.2 x .49	.38	.21	.19	
20NR005	4.7	.25 x .49	.39	.24	.23	
20NR010	10	.25 x .63	.42	.26	.24	
20NR022	22	.31 x .63	.46	.31	.28	
20NR033	33	.31 x .79	.48	.31	.29	
20NR047	47	.39 x .79	.51	.37	.33	
20NR100	100	.39 x .98	.69	.47	.42	
20NR220	220	.51 x 1.24	.88	.68	.62	CALL FOR QUOTE
20NR330	330	.63 x 1.24	1.20	.98	.92	
20NR470	470	.63 x 1.24	1.46	1.22	1.11	
20NR901	1000	.88 x 1.96	2.39	1.98	1.81	
20NR905	2200	.98 x 1.96	3.94	3.28	2.98	

## ELECTROLYTIC CAPACITOR KITS

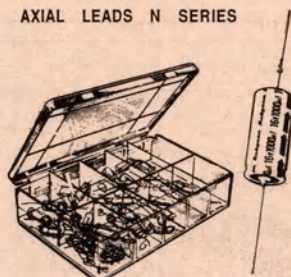
5 EACH OF THE 10 MOST POPULAR  
CAPACITORS FOR THE VOLT RANGE  
INDICATED. PACKAGED IN A TRANS-  
PARENT PLASTIC BOX. TOTAL 50  
PIECES.

### RADIAL LEADS Y SERIES



STOCK NO.	VOLTAGE	PRICE EACH
37-20YH-1	16V	14.95
37-20YK-1	25V	14.95
37-20YR-1	50V	14.95

### AXIAL LEADS N SERIES

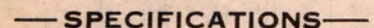
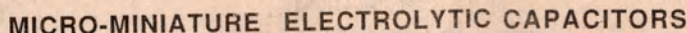


STOCK NO.	VOLTAGE	PRICE EACH
37-20NH-1	16V	14.95
37-20NK-1	25V	14.95
37-20NR-1	50V	14.95

STOCK NO.	VALUE MFC	CASE SIZE D x H (IN)	LEAD SPAC IN	PRICE EACH				
				1	100	500	1000	
10 VOLT (13 VOLT SURGE)								
ME208-50V0.47	.47	.2 x .44	.079	.23	.12	.11	CALL FOR QUOTE	
ME208-50V1.0	1.0	.2 x .44	.079	.26	.12	.11		
ME208-50V2.2	2.2	.2 x .44	.079	.26	.12	.11		
ME208-50V3.3	3.3	.2 x .44	.079	.26	.12	.11		
ME208-50V4.7	4.7	.2 x .44	.079	.26	.12	.11		
ME208-50V10	10	.2 x .44	.079	.26	.12	.11		
ME208-50V22	22	.2 x .44	.079	.26	.12	.11		
ME208-25V33	33	.2 x .44	.079	.27	.13	.12		
ME208-16V47	47	.2 x .44	.079	.29	.15	.13		
20YF100	100	.39 x .63	.098	.29	.17	.15		
20YF220	220	.31 x .44	.138	.37	.18	.17	CALL FOR QUOTE	
20YH330	330	.39 x .63	.197	.39	.26	.24		
20YH470	470	.39 x .63	.197	.44	.27	.24		
20YF901	1000	.49 x .79	.197	.58	.38	.35		
20YF905	2200	.63 x .98	.295	.79	.61	.55		
ME208-10V330	3300	.50 x 1.02	.295	.99	.76	.69		
ME208-10V4700	4700	.63 x .99	.295	1.24	.99	.91		
ME208-10V6800	6800	.64 x .94	.295	1.74	1.45	1.32		
16 VOLT (20 VOLT SURGE)								
ME208-50V0.47	.47	.2 x .44	.079	.23	.12	.11		CALL FOR QUOTE
ME208-50V1.0	1.0	.2 x .44	.079	.26	.12	.11		
ME208-50V2.2	2.2	.2 x .44	.079	.26	.12	.11		
ME208-50V3.3	3.3	.2 x .44	.079	.26	.12	.11		
ME208-50V4.7	4.7	.2 x .44	.079	.26	.12	.11		
ME208-50V10	10	.2 x .44	.079	.26	.12	.11		
ME208-50V22	22	.2 x .44	.079	.26	.12	.11		
ME208-25V33	33	.2 x .44	.079	.27	.13	.12		
20YH047	47	.25 x .44	.098	.29	.15	.13		
ME208-16V100	100	.31 x .44	.197	.34	.18	.16		
ME208-16V220	220	.32 x .44	.14	.35	.23	.21	CALL FOR QUOTE	
20YH330	330	.39 x .63	.197	.39	.26	.24		
20YH470	470	.39 x .79	.197	.54	.39	.35		
20YH901	1000	.49 x .98	.197	.67	.52	.47		
20YH905	2200	.63 x .98	.295	1.06	.82	.74		
20YH906	3300	.63 x 1.40	.295	1.28	1.07	.97		
ME208-16V4700	4700	.63 x 1.24	.295	1.67	1.39	1.26		
25 VOLT (32 VOLT SURGE)								
ME208-50V0.47	.47	.2 x .44	.079	.23	.12	.11	CALL FOR QUOTE	
ME208-50V1.0	1.0	.2 x .44	.079	.26	.12	.11		
ME208-50V2.2	2.2	.2 x .44	.079	.26	.12	.11		
ME208-50V3.3	3.3	.2 x .44	.079	.26	.12	.11		
ME208-50V4.7	4.7	.2 x .44	.079	.26	.12	.11		
ME208-50V10	10	.2 x .44	.079	.26	.12	.11		
ME208-50V22	22	.2 x .44	.079	.26	.12	.11		
20YK033	33	.25 x .44	.098	.33	.17	.15		
20YK047	47	.25 x .44	.138	.37	.18	.17		
ME208-25V100	100	.25 x .44	.098	.38	.25	.21		
ME208-25V220	220	.32 x .49	.14	.47	.32	.28	CALL FOR QUOTE	
20YK330	330	.39 x .79	.192	.52	.35	.32		
ME208-25V470	470	.39 x .59	.197	.71	.47	.43		
20YK901	1000	.63 x .98	.295	.88	.68	.62		
ME208-25V2200	2200	.63 x .98	.295	1.40	1.17	1.06		
35 VOLT (44 VOLT SURGE)								
ME208-50V0.47	.47	.2 x .44	.079	.23	.12	.11	CALL FOR QUOTE	
ME208-50V1.0	1.0	.2 x .44	.079	.26	.12	.11		
ME208-50V2.2	2.2	.2 x .44	.079	.26	.12	.11		
ME208-50V3.3	3.3	.2 x .44	.079	.26	.12	.11		
ME208-50V4.7	4.7	.2 x .44	.079	.26	.12	.11		
ME208-50V10	10	.2 x .44	.079	.26	.12	.11		
20YM022	22	.2 x .44	.098	.30	.20	.18		
ME208-35V33	33	.2 x .44	.079	.31	.22	.19		
ME208-35V47	47	.25 x .44	.098	.37	.24	.20		
20YM100	100	.39 x .51	.197	.39	.25	.21		
ME208-35V220	220	.39 x .79	.197	.51	.34	.31	CALL FOR QUOTE	
ME208-35V330	330	.39 x .59	.197	.66	.51	.46		
ME208-35V470	470	.40 x .82	.197	.75	.54	.48		
20YM901	1000	.63 x .98	.295	1.06	.82	.74		
ME208-35V2200	2200	.60 x 1.22	.295	2.61	1.99	1.83		
50 VOLT (63 VOLT SURGE)								
ME208-50V0.47	.47	.2 x .44	.079	.23	.12	.11	CALL FOR QUOTE	
ME208-50V1.0	1.0	.2 x .44	.079	.26	.12	.11		
ME208-50V2.2	2.2	.2 x .44	.079	.26	.12	.11		
ME208-50V3.3	3.3	.2 x .44	.079	.26	.12	.11		
ME208-50V4.7	4.7	.2 x .44	.079	.26	.12	.11		
ME208-50V10	10	.2 x .44	.079	.26	.12	.11		
ME208-50V22	22	.2 x .44	.079	.26	.12	.11		
ME208-50V33	33	.24 x .44	.138	.42	.26	.21		
ME208-50V47	47	.25 x .44	.098	.44	.27	.24		
ME208-50V100	100	.32 x .49	.138	.48	.31	.28		
20YR220	220	.49 x .79	.197	.69	.46	.42	CALL FOR QUOTE	
ME208-50V330	330	.39 x .79	.197	1.21	.98	.94		
ME208-50V470	470	.49 x .79	.197	1.04	.77	.70		
20YR901	1000	.63 x 1.42	.295	1.47	1.23	1.12		

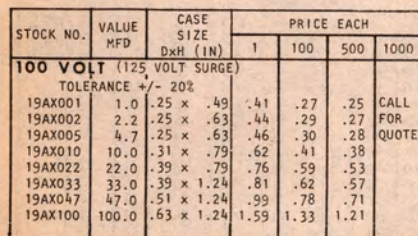
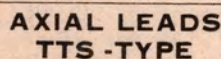
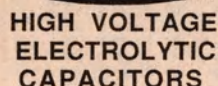


## MICRO-MINIATURE ELECTROLYTIC CAPACITORS



THE RUBYCON MS-7 SERIES IS AN EXCELLENT ALTERNATIVE TO TANTALUM CAPACITORS BECAUSE OF: SMALL SIZE, LOW LEAKAGE AND LOW COST. MOUSER ELECTRONICS IS AN AUTHORIZED DISTRIBUTOR OF RUBYCON CAPACITOR CO. AND WE CAN SUPPLY THE COMPLETE PRODUCT LINE. CALL OUR SALES DEPARTMENT FOR A QUOTE.

STOCK NO.	VALUE (MFD)	DIMENSIONS (INCHES) (D x L)	PRICE EACH			
			1	100	500	1000
25WV (32V SURGE)						
20ZR001	1.0	.16 x .28	.31	.16	.14	
20ZR002	2.2	.16 x .28	.31	.16	.14	
20ZK004	4.7	.16 x .28	.31	.16	.14	CALL FOR QUOTE
20ZM022	22.0	.25 x .28	.38	.19	.18	
20ZM033	33.0	.25 x .29	.40	.20	.18	
35WV (44V SURGE)						
20ZR001	1.0	.16 x .28	.31	.16	.14	
20ZR002	2.2	.16 x .28	.31	.16	.14	
20ZM022	22.0	.25 x .28	.38	.19	.18	
20ZM033	33.0	.25 x .29	.40	.20	.18	CALL FOR QUOTE
50WV (63V SURGE)						
20ZR001	1.0	.16 x .28	.31	.16	.14	
20ZR002	2.2	.16 x .28	.31	.16	.14	
<b>ME202 SERIES SOLVENT PROOF: WITHSTAND 2 MIN. DURATION IMMERSION, ULTRASOUND, AND VAPOR PROCESSES.</b>						
6.3 VOLT						
ME202-6.3V47	47	.25 x .28	.37	.20	.19	
ME202-6.3V100	100	.25 x .28	.37	.20	.19	CALL FOR QUOTE
16 VOLT						
ME202-16V10	10	.16 x .28	.28	.15	.14	
ME202-16V22	22	.16 x .28	.33	.18	.17	
ME202-16V47	47	.25 x .28	.37	.20	.18	
25 VOLT						
ME202-25V4.7	4.7	.16 x .28	.28	.15	.14	
35 VOLT						
ME202-35V22	22	.25 x .28	.33	.18	.17	CALL FOR QUOTE
ME202-35V33	33	.25 x .29	.37	.20	.19	
50 VOLT						
ME202-50V1.0	1.0	.16 x .28	.28	.15	.14	
ME202-50V2.2	2.2	.16 x .28	.28	.15	.14	



STOCK NO.	VALUE MFD	CASE SIZE DxH (IN)	LEAD SPACING (IN)	PRICE EACH			
				1	100	500	1000
<b>100 VOLT</b> (250 VOLT SURGE)							
TOLERANCE +/- 20%							
19FX002	2.2	.25x.44	.098	.31	.15	.14	CALL FOR QUOTE
19FX005	4.7	.31x.44	.138	.35	.18	.17	
19FX010	10.0	.39x.63	.107	.35	.22	.21	
ME208-100V47	47.0	.39x.63	.197	.67	.47	.43	
ME208-100V100	100.0	.49x.79	.197	.94	.65	.59	
19FX220	220.0	.63x.98	.295	1.50	1.25	1.13	
<b>160 VOLT</b> (200 VOLT SURGE)							
TOLERANCE -10% TO +50%							
19FS001	1.0	.25x.44	.098	.34	.17	.16	CALL FOR QUOTE
19FS002	2.2	.31x.44	.138	.35	.18	.17	
19FS005	4.7	.39x.63	.197	.33	.22	.21	
19FS010	10.0	.39x.79	.197	.43	.29	.25	
19FS022	22.0	.51x.98	.197	.81	.62	.56	
19FS047	47.0	.63x1.24	.295	1.12	.85	.77	
19FS100	100.0	.71x1.58	.295	1.54	1.19	1.07	

STOCK NO.	VALUE MFD	CASE SIZE DxH (IN)	LEAD SPACING (IN)	PRICE EACH				
				1	100	500	1000	
<b>250 VOLT (300 VOLT SURGE)</b>								
TOLERANCE -10% TO +50%								
19FJ001	1.0	.39 x .49	.197	.39	.22	.19		CALL FOR QUOTE
19FJ002	2.2	.39 x .63	.197	.33	.22	.20		
19FJ003	3.3	.39 x .79	.197	.40	.27	.24		
19FJ005	4.7	.39 x .79	.197	.49	.33	.29		
19FJ010	10.0	.51 x .98	.197	.68	.45	.42		
19FJ022	22.0	.63 x .98	.295	.82	.63	.57		
19FJ047	47.0	.71 x 1.58	.295	1.39	.97	.88		
<b>450 VOLT (500 VOLT SURGE)</b>								
TOLERANCE -10% TO +50%								
19FF001	1.0	.39 x .63	.197	.36	.25	.24		CALL FOR QUOTE
19FF002	2.2	.51 x .87	.197	.61	.39	.36		
19FF005	4.7	.63 x .98	.295	.77	.53	.49		
19FF010	10.0	.63 x 1.26	.295	.99	.70	.64		

STOCK NO.	VALUE MFD	CASE SIZE DxH (IN)	PRICE EACH				
			1	100	500	1000	
<b>160 VOLT (200 VOLT SURGE)</b>							
TOLERANCE -10% TO +50%							
19AS001	1.0	.25 x .49	.43	.29	.26		CALL FOR QUOTE
19AS002	2.2	.25 x .63	.49	.32	.29		
19AS003	3.3	.31 x .63	.51	.34	.31		
19AS005	4.7	.31 x .79	.55	.37	.33		
19AS010	10.0	.39 x .79	.68	.50	.45		
19AS022	22.0	.51 x 1.24	.79	.62	.56		
19AS033	33.0	.51 x 1.24	.98	.77	.70		
19AS047	47.0	.63 x 1.24	1.22	.99	.92		
19AS100	100.0	.71 x 1.57	1.92	1.60	1.45		
19AS220	220.0	.88 x 1.97	3.64	3.04	2.76		CALL FOR QUOTE
<b>250 VOLT (300 VOLT SURGE)</b>							
TOLERANCE -10% TO +50%							
19AJ001	1.0	.25 x .49	.44	.29	.27		
19AJ002	2.2	.25 x .63	.49	.33	.30		
19AJ003	3.3	.31 x .63	.50	.34	.31		
19AJ005	4.7	.31 x .79	.60	.40	.36		
19AJ010	10.0	.39 x .79	.69	.50	.46		
19AJ022	22.0	.51 x 1.24	.98	.77	.70		
19AJ033	33.0	.63 x 1.24	1.23	.95	.86		
19AJ047	47.0	.71 x 1.57	1.36	1.13	.99		
19AJ100	100.0	.88 x 1.97	2.61	2.17	1.97		

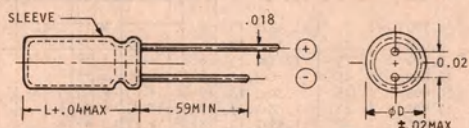
STOCK NO.	VALUE MFD	CASE SIZE DxH (IN)	PRICE EACH				
			1	100	500	1000	
<b>350 VOLT (400 VOLT SURGE)</b>							
TOLERANCE -10% TO +50%							
19AG005	4.7	.39 x 1.00	.62	.41	.38		CALL FOR QUOTE
19AG010	10.0	.51 x 1.24	.74	.54	.49		
19AG022	22.0	.63 x 1.24	1.04	.83	.77		
19AG033	33.0	.71 x 1.57	1.28	1.08	.98		
19AG047	47.0	.71 x 1.57	1.73	1.44	1.31		
<b>450 VOLT (500 VOLT SURGE)</b>							
TOLERANCE -10% TO +50%							
19AF001	1.0	.31 x .79	.52	.35	.32		CALL FOR QUOTE
19AF002	2.2	.39 x 1.00	.58	.39	.35		
19AF003	3.3	.39 x 1.24	.62	.41	.38		
19AF005	4.7	.51 x 1.24	.74	.57	.52		
19AF010	10.0	.63 x 1.24	1.06	.81	.74		
19AF022	22.0	.71 x 1.57	1.34	1.12	1.02		
19AF033	33.0	.88 x 1.57	1.75	1.48	1.33		
19AF047	47.0	.98 x 1.97	2.15	1.79	1.63		



# Micro Miniature Aluminum Electrolytic Capacitors

**Rubycon**

**MS7A SERIES SOLVENT PROOF CAPACITORS**



**NEW IN 88**



## SPECIFICATION TABLE

1	OPERATING TEMPERATURE RANGE	-40 °C TO + 85 °C	WITHSTAND EITHER A 2-MINUTE DURATION ONE OF THE IMMERSION, ULTRASOUND, AND PROCESSES EMPLOYING FREON TE, FREON FREON TF, OR A COMBINATION OF THESE TOTALING 2 MINUTES, OR LESS IN DURAT				
2	RATED VOLTAGE RANGE	6.3 ~ 63VDC					
3	CAPACITANCE TOLERANCE (120Hz)	-20 ~ +20%					
4	LEAKAGE CURRENT ( μA MAX) APPLY RATED VOLTAGE 5 MINUTES BEFORE TEST	1 = 0.01CV+3					
5	DISSIPATION FACTOR (MAX) AT 120Hz	RATED VOLTAGE	6.3	16	25	35	50
		DF (TANδ)	0.24	0.17	0.15	0.13	0.10
6	LIFE TEST AT 85°C AND AT RATED VOLTAGE	TEST HOURS	1000HOURS				
		LEAKAGE CURRENT	LESS THAN THE VALUE GIVEN IN COLUMN 4				
		CAPACITANCE CHANGE	WITHIN ±25% OF THE INITIAL VALUE				
		DF (TANδ)	LESS THAN 200% OF THE VALUE IN COLUMN 5				
7	LOW TEMPERATURE STABILITY (IMPEDANCE RATIO AGAINST +20°C AT 120Hz)	RATED VOLTAGE	6.3	16	25	35	50
		Z(-25)/Z(+20)	4	3	2	2	2
		Z(-40)/Z(+20)	10	6	4	4	4

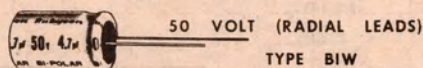
## RINSING CONDITIONS:

WITHSTAND EITHER A 2-MINUTE DURATION OF ANY ONE OF THE IMMERSION, ULTRASOUND, AND VAPOR PROCESSES EMPLOYING FREON TE, FREON TES, OR FREON TF, OR A COMBINATION OF THESE PROCESSES TOTALING 2 MINUTES, OR LESS IN DURATION.

STOCK NO.	VALUE MFD	CASE SIZE D x L	PRICE EACH			
			1	100	500	1000
6.3 VOLT						
ME202-50V1.0	1.0	.18 x .28	.34	.17	.15	CALL FOR QUOTE
ME202-50V2.2	2.2	.18 x .28	.34	.17	.15	
ME202-25V4.7	4.7	.18 x .28	.34	.17	.15	
ME202-16V10	10	.18 x .28	.35	.18	.16	
ME202-16V22	22	.20 x .28	.38	.20	.18	
ME202-35V33	33	.25 x .28	.41	.22	.20	CALL FOR QUOTE
ME202-6.3V47	47	.18 x .28	.41	.22	.20	
ME202-6.3V100	100	.28 x .28	.42	.23	.21	
16 VOLT						
ME202-50V1.0	1.0	.18 x .28	.34	.17	.15	CALL FOR QUOTE
ME202-50V2.2	2.2	.18 x .28	.34	.17	.15	
ME202-25V4.7	4.7	.18 x .28	.34	.17	.15	
ME202-16V10	10	.18 x .28	.35	.18	.16	
ME202-16V22	22	.20 x .28	.38	.20	.18	
ME202-35V33	33	.25 x .28	.41	.22	.20	CALL FOR QUOTE
25 VOLT						
ME202-50V1.0	1.0	.18 x .28	.34	.17	.15	CALL FOR QUOTE
ME202-50V2.2	2.2	.18 x .28	.34	.17	.15	
ME202-25V4.7	4.7	.18 x .28	.34	.17	.15	
ME202-16V10	10	.18 x .28	.35	.18	.16	
ME202-16V22	22	.20 x .28	.38	.20	.18	
ME202-35V33	33	.25 x .28	.41	.22	.20	CALL FOR QUOTE
35 VOLT						
ME202-50V1.0	1.0	.18 x .28	.34	.17	.15	CALL FOR QUOTE
ME202-50V2.2	2.2	.18 x .28	.34	.17	.15	
ME202-25V4.7	4.7	.18 x .28	.34	.17	.15	
ME202-16V10	10	.18 x .28	.35	.18	.16	
ME202-16V22	22	.20 x .28	.38	.20	.18	
ME202-35V33	33	.25 x .28	.41	.22	.20	CALL FOR QUOTE
50 VOLT						
ME202-50V1.0	1.0	.18 x .28	.34	.17	.15	CALL FOR QUOTE
ME202-50V2.2	2.2	.18 x .28	.34	.17	.15	
ME202-25V4.7	4.7	.18 x .28	.34	.17	.15	
ME202-16V10	10	.18 x .28	.35	.18	.16	
ME202-16V22	22	.20 x .28	.38	.20	.18	

**Rubycon**

**NON-POLARIZED ELECTROLYTIC CAPACITORS**



OUTSTANDING CONTRIBUTIONS TO SUPERIOR SOUND REPRODUCTION.

THESE SERIES NON-POLARIZED ELECTROLYTIC CAPACITORS HAVE SPECIALLY BEEN DESIGNED FOR USE IN FREQUENCY DIVIDING NETWORKS. EXCELLING IN HIGH-FREQUENCY DISSIPATION FACTORS AND IMPEDANCE CHARACTERISTICS, THESE SERIES ARE IDEAL FOR DESIGNING INTO LOW COST CROSSOVER NETWORKS

**PHOTO-FLASH TYPE CAN TYPE ELECTROLYTICS**



RUBYCON PHOTOFLASH TYPE CAPACITORS ARE OF SINGLE ANODE FOIL CONSTRUCTION. ALL UNITS OFFER MAXIMUM EFFICIENCY AND ENERGY STORAGE CAPABILITY. VOLTAGE RATING FOR ALL MFD VALUES IS 330VOLTS. OPERATING TEMP. IS -20°C TO +55°C. MAX LEAKAGE CURRENT: I = 1 x C. TOLERANCE: -10% TO +30%. SURGE VOLTAGE IS 350 VOLTS. DISSIPATION FACTOR: TAN/LOSS ANGLE .07 MAXIMUM. DIMENSIONS: .87" x 1.38"

## SPECIFICATIONS

- RATED VOLTAGE: 50V
- LEAKAGE CURRENT (μA max.): I = 0.03CV + 4
- DISSIPATION FACTOR: 5(1kHz) (P) 15(1kHz) (D)
- TOLERANCE: ± 20%
- OPERATING TEMPERATURE: -25°C TO +85°C

## FEATURES

- EXTREMELY LOW IN INTERNAL LOSSES (LOW DF), ARE CAPABLE OF OUTSTANDING CONTRIBUTIONS TO FAITHFUL REPRODUCTION OF ORIGINAL SOUNDS
- EXCELLENT FREQUENCY CHARACTERISTICS IN ADDITION TO STABILITY OF CHARACTERISTICS ACROSS A WIDE FREQUENCY RANGE
- WITH RESERVES DESIGNED IN, ARE CAPABLE OF ACCOMMODATING LARGE POWER OUTPUTS

STOCK NO.	VALUE MFD	LEAD SPACE	CASE SIZE D x L	PRICE EACH			
				1	100	500	1000
19NT001	1.0	.10	.250" x .440"	.38	.20	.18	CALL FOR QUOTE
19NT002	2.2	.14	.315" x .440"	.38	.22	.20	
19NT005	4.7	.14	.315" x .440"	.43	.26	.23	
19NT010	10.0	.20	.395" x .630"	.50	.33	.30	
19NT047	47.0	.30	.630" x .984"	1.17	.89	.82	

STOCK NO.	MFD	TYPE	PRICE EACH			
			1	10	50	100
19FL200	200	SOLDER	5.08	4.24	3.85	CALL FOR QUOTE
19FL201	200	P.C.B.	5.08	4.24	3.85	

## MOUSER NON-POLARIZED CAPACITORS

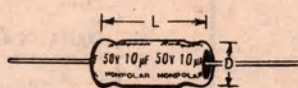
FOR USE IN CIRCUITS WITH FAST SWITCHING RATES, AS A SPEAKER CROSSOVER NETWORK.

- VERY SMALL SIZE
- LOW COST
- EXCELLENT FREQUENCY CHARACTERISTICS

## 25 VOLT

STOCK NO.	VALUE MFD	CASE D x L SIZE (IN)	PRICE EACH			
			1	100	500	1000
19NK005	4.7	.32x.87	.42	.30	.24	CALL FOR QUOTE
19NK010	10.0	.32x.87	.53	.38	.30	
19NK025	25.0	.40x.91	.54	.41	.36	
19NK047	47.0	.40x1.04	.95	.72	.66	
19NK050	50.0	.40x1.04	.95	.68	.54	

## AXIAL LEADS



- OPERATING TEMPERATURE: -20°C TO +85°C
- TOLERANCE: ± 20%
- LEAKAGE CURRENT (μA MAX): I = 0.06CV + 160
- TANGENT OF LOSS ANGLE: (TAN MAX) 25V = 0.17
- 50V = 0.12

## 50 VOLT

STOCK NO.	VALUE MFD	CASE D x L SIZE (IN)	PRICE EACH			
			1	100	500	1000
19NR001	1.0	.31x.69	.33	.24	.19	CALL FOR QUOTE
19NR002	2.2	.32x.69	.37	.27	.21	
19NR004	4.0	.32x.77	.39	.18	.17	
19NR005	4.7	.32x.87	.42	.30	.24	
19NR006	5.0	.32x.83	.41	.23	.21	
19NR007	6.0	.32x.83	.41	.23	.21	CALL FOR QUOTE
19NR008	8.0	.32x.83	.42	.25	.23	
19NR010	10.0	.40x.83	.53	.38	.30	
19NR012	12.0	.40x.92	.44	.31	.28	
19NR016	16.0	.40x.92	.54	.33	.29	
19NR020	20.0	.40x1.00	.56	.38	.35	CALL FOR QUOTE
19NR025	25.0	.40x1.00	.62	.41	.38	
19NR033	33.0	.48x1.20	.71	.48	.44	
19NR050	50.0	.63x1.25	.95	.68	.54	

**CONVENIENT "SCHEDULED DELIVERIES"**



# Capacitors

## MALLORY COMPUTER GRADE ALUMINUM ELECTROLYTIC CAPACITORS

### CGS SERIES



THE CGS TYPE HIGH PERFORMANCE COMPUTER GRADE ALUMINUM ELECTROLYTIC CAPACITOR

#### FEATURES

- TOUGH ALUMINUM CASE
- HIGH RIPPLE CURRENT CAPABILITY
- PVC INSULATING SLEEVE
- EXCEPTIONAL LONG LIFE
- LOW LEAKAGE CURRENT
- HIGH POST: SCREW LUG TERMINALS

#### SPECIFICATIONS

- TOLERANCE: 10-150 WVDC -10% TO +75%  
200-450 WVDC -10% TO +50%
- OPERATING TEMPERATURE: -40°C TO +85°C

#### CROSS-REFERENCE

##### MALLORY CGS SERIES EQUIVALENTS

CALLINS - CES SERIES	NICHICON - NSB SERIES
CORNELL DUBILIER - FAH SERIES	RUBYCON - LSA SERIES
GENERAL ELECTRIC - 86F SERIES	SANGAMO - 500, DCM SERIES
HEPCO-ELECTRA - 3186/91C AND 91F SERIES	SPRAGUE - 36D, 36DX SERIES

STOCK NO.	CAPACITANCE MFD	WVDC	CASE SIZE (INCHES)	PRICE EACH			
				1	10	50	100
539-CGS472U025R2C	4,700	25	1.38x2.13	5.76	5.13	4.13	CALL FOR QUOTE
539-CGS562U025R3C	5,600	25	1.38x2.13	5.98	5.37	4.34	
539-CGS892U025R3C	8,900	25	1.38x2.13	6.92	6.62	5.34	
539-CGS123U025V3C	12,000	25	2x3.13	8.25	7.46	5.99	
539-CGS203U025V3C	20,000	25	2x3.13	10.68	9.33	7.03	
539-CGS293U025V4C	29,000	25	2x4.13	13.50	11.81	8.43	
539-CGS222U040R2C	2,200	40	1.38x2.13	5.28	4.67	3.86	
539-CGS422U040R3C	4,200	40	1.38x3.13	6.67	5.84	4.44	CALL FOR QUOTE
539-CGS512U040R3C	5,100	40	1.38x3.13	6.97	5.94	4.65	
539-CGS113U040V3C	11,000	40	2x3.13	10.07	8.81	6.61	CALL FOR QUOTE
539-CGS173U040V4C	17,000	40	2x4.13	12.83	11.22	8.18	
539-CGS403U040W4C	40,000	40	3x4.13	24.78	22.94	18.82	
539-CGS222U050R2C	2,200	50	1.38x2.13	5.58	4.88	3.77	
539-CGS412U050R3C	4,100	50	1.38x3.13	6.82	5.97	4.35	
539-CGS432U050R4C	4,300	50	1.38x4.13	6.95	6.08	4.40	CALL FOR QUOTE
539-CGS612U050R4C	6,100	50	1.38x4.13	7.76	6.80	4.99	
539-CGS962U050V4C	9,600	50	2x4.13	10.68	9.33	6.70	
539-CGS212U075R3C	2,100	75	1.38x3.13	6.49	6.15	4.96	
539-CGS482U075V3C	4,800	75	2x3.13	10.53	9.21	7.08	
539-CGS173U075X4C	17,000	75	3x4.13	27.33	25.31	20.39	
539-CGS402U100V4C	4,000	100	2x4.13	13.22	11.57	8.22	
539-CGS721U150R3C	720	150	1.38x3.13	7.99	7.62	6.13	
539-CGS202T200V4C	2,000	200	2x4.13	16.11	14.85	11.96	CALL FOR QUOTE
539-CGS551T250R4C	550	250	1.38x4.13	7.95	7.49	6.03	
539-CGS141T450R3C	140	450	1.38x3.13	6.95	6.29	5.52	
539-CGS112T450X4C	1,100	450	3x4.13	29.73	28.59	23.04	

## MALLORY CAPACITOR MOUNTING HARDWARE

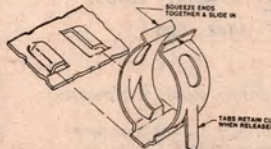
MALLORY VR MOUNTING CLAMPS MAY BE USED TO MOUNT CYLINDRICAL CAPACITORS IN A VERTICAL POSITION. THEY ARE UNASSEMBLED WITH SCREW AND NUT INCLUDED.

—DIA—



STOCK NO.	DIAMETER INCHES	PRICE EACH			
		1	10	100	500
539-VR3	1.375-1.44	.65	.61	.59	CALL FOR QUOTE
539-VR6	1.75-1.81	.96	.90	.87	
539-VR8	2-2.06	1.07	.99	.97	
539-VR10	2.5-2.56	1.22	1.15	1.11	
539-VR12	3-3.125	1.48	1.39	1.35	

MALLORY TH SERIES CLAMPS, ALTHOUGH DESIGNED FOR USE WITH CAPACITORS, MAY ALSO BE USED TO HOLD SPINDLES, TUBES, RODS, CONDUIT, AND OTHER COMPONENTS.



STOCK NO.	DIAMETER INCHES	PRICE EACH			
		1	10	100	500
539-TH23	1-1.06	.93	.87	.85	CALL FOR QUOTE
539-TH25	1.375-1.44	.98	.92	.89	

## NEC SUPERCAP ELECTRIC DOUBLE LAYER CAPACITORS

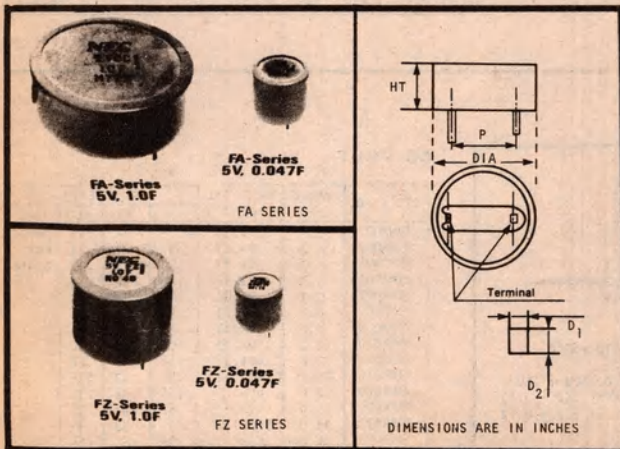
THE NEW SUPERCAP IS A COMPLETELY INNOVATIVE TYPE OF CAPACITOR PROVIDING A VOLUMETRIC EFFICIENCY (CAPACITANCE PER UNIT VOLUME OF GIVEN VOLTAGE) OF 10 TO 25 TIMES THAT OF CONVENTIONAL ALUMINUM ELECTROLYTIC CAPACITORS. THE HIGH CAPACITANCE (1,000,000 MICROFARADS) AND LOW LEAKAGE CURRENT MAKES THE SUPERCAP AN EFFICIENT, RELIABLE, AND COST EFFECTIVE ENERGY STORAGE DEVICE. SUPERCAPS CAN BE USED AS STANDBY POWER SOURCES FOR CMOS MEMORIES AND MICROCOMPUTERS UP TO SEVERAL WEEKS DURING POWER OUTAGES. THE SUPERCAP CAN BE ASSEMBLED ON PRINTED CIRCUIT BOARDS BY CONVENTIONAL SOLDERING PROCESSES TOGETHER WITH ALL OTHER COMPONENTS. THE SUPERCAP CAN BE CHARGED AND DISCHARGED AT BOTH HIGH AND LOW CURRENT RATES; I.E. MICROAMPS TO AMPS, AND IS SAFE. (WILL NOT EXPLODE UNDER TEMPERATURE EXTREMES)

#### MAJOR DIFFERENCE

THE FZ SERIES SUPERCAP HAS BEEN DEVELOPED WITH IMPROVED SELF DISCHARGE CHARACTERISTICS AND ONE HALF THE SIZE OF THE FA SERIES SUPERCAP. THE FZ SERIES SUPERCAP CAN RETAIN DATA IN CMOS RAMS FOR MORE THAN A MONTH "TWICE AS LONG" AS THE EQUIVALENT FA SERIES SUPERCAP. THE FZ SERIES SUPERCAP IS PARTICULARLY SUITED FOR ON BOARD MEMORY BACKUP.

#### SPECIFICATIONS

- CAPACITIVE TOLERANCE: +80%, -20%
- OPERATING TEMPERATURE: -25°C TO 70°C
- STORAGE TEMPERATURE: -40°C TO +85°C
- NON-POLAR (LEADS CAN BE REVERSED)
- MAINTENANCE FREE (DOES NOT NEED REPLACING)
- NO POWER DOWN SENSING CIRCUITS REQUIRED
- INDEFINITE CHARGE/DISCHARGE LIFE



#### FA SERIES

NEC NO.	MOUSER STOCK NO.	CAP		CASE SIZE		LEAD SPACING	TERMINAL DIA		PRICE EACH			
		FARAD	DIA	HT	P	D <sub>1</sub>	D <sub>2</sub>	1	100	500	1000	
5 VDC												
FA0H473Z	551-47A05	.047	.63	.61	.2	.024	.05	3.86	3.28	2.70	CALL FOR QUOTE	
FA0H104Z	551-100A05	.1	.85	.61	.3	.024	.05	5.40	4.59	3.78		
FA0H224Z	551-220A05	.22	1.12	.65	.4	.04	.055	6.74	5.73	4.72		
FA0H474Z	551-470A05	.47	1.14	.65	.6	.024	.07	9.64	8.19	6.75		
FA0H105Z	551-1.0A05	1.0	1.75	.73	.8	.04	.055	11.60	9.86	8.12		
10 VDC												
FA1A104Z	551-100A10	.1	1.12	1.10	.4	.04	.055	10.60	9.01	7.42		
FA1A224Z	551-220A10	.22	1.44	1.10	.6	.04	.055	15.40	13.09	10.78		
FA1A474Z	551-470A10	.47	1.75	1.12	.8	.04	.055	17.36	14.75	12.15		

#### FZ SERIES RATED VOLTAGE: 5 VDC

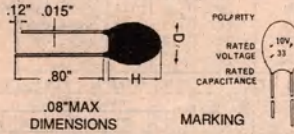
NEC NO.	MOUSER STOCK NO.	CAP FARAD	CASE SIZE		LEAD SPACING P	TERMINAL DIA		PRICE EACH			
			DIA	HT		D <sub>1</sub>	D <sub>2</sub>	1	100	500	1000
FZ0H223Z	551-22Z05	.022	.49	.59	.2	.016	.05	1.40	1.19	1.04	CALL FOR QUOTE
FZ0H473Z	551-47Z05	.047	.55	.59	.2	.016	.05	1.60	1.40	1.23	
FZ0H104Z	551-100Z05	.1	.55	.94	.2	.016	.05	2.10	1.78	1.47	
FZ0H224Z	551-220Z05	.22	.63	.98	.2	.016	.05	3.00	2.55	2.10	
FZ0H474Z	551-470Z05	.47	.83	.98	.3	.024	.05	3.70	3.14	2.59	
FZ0H105Z	551-1.0Z05	1.0	1.10	.98	.4	.024	.055	4.59	4.05	3.22	



# Tantalum Capacitors

## NEC NEC America, Inc. 20% SOLID DIPPED TANTALUM CAPACITORS

NEC'S D-SERIES IS A MINIATURE, DIPPED, SOLID TANTALUM CAPACITORS WHICH OFFERS THE DESIGNER ADVANCED TECHNOLOGICAL DESIGN AND EXCELLENT PERFORMANCE CHARACTERISTICS FOR FILTERING, BYPASSING, COUPLING, DECOUPLING, BLOCKING, AND R.C. TIMING CIRCUITS. A PROCESS USED TO IMPROVE THE RELIABILITY OF SOLID TANTALUMS IS TO BURN THEM IN AT ACCELERATED VOLTAGES AT 85°C FOR EXTENDED PERIODS OF TIME, THUS ELIMINATING HIGH LEAKAGE AND OTHER UNDESIRABLE CHARACTERISTICS.



### SPECIFICATIONS

- (1) THE RATED CAPACITANCE IS THE VALUE MEASURED AT 120Hz AND AT 25°C, BY MEANS OF A POLARIZED CAPACITANCE BRIDGE.
- (2) STANDARD CAPACITANCE TOLERANCE IS +20% OF RATED CAPACITANCE.
- (3) OPERATING TEMPERATURE RANGE: -55°C TO 85°C.

MOUSER NO.	NEC	MFD	CASE SIZE (IN.)	PRICE EACH
			DIA. HEIGHT	1 100 500 1000

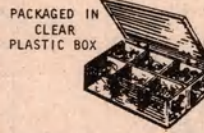
6.3 VOLT (SURGE VOLTAGE 8)					
551-4.7M06	NDA475M06S	4.7	.18	.275	.18
551-6.8M06	NDB685M06S	6.8	.2	.3	.23
551-10M06	NDC106M06S	10.0	.22	.315	.27
551-15M06	NDD156M06S	15.0	.22	.335	.32
551-22M06	NDE226M06S	22.0	.22	.35	.36
551-47M06	NDG476M06S	47.0	.275	.39	.59
551-100M06	NDJ107M06S	100	.3	.43	1.62
551-220M06	NDL227M06S	220	.39	.57	3.09

10 VOLT (SURGE VOLTAGE 13)					
551-3.3M10	NDA335M10S	3.3	.18	.275	.18
551-4.7M10	NDB475M10S	4.7	.2	.3	.23
551-6.8M10	NDC686M10S	6.8	.22	.315	.27
551-10M10	NDC106M10S	10.0	.22	.335	.32
551-15M10	NDE156M10S	15.0	.22	.35	.36
551-22M10	NDE226M10S	22.0	.26	.37	.48
551-33M10	NDG336M10S	33.0	.275	.39	.59
551-47M10	NDH476M10S	47	.3	.43	1.23
551-100M10	NDK107M10S	100	.35	.57	2.04
551-220M10	NDM227M10S	220	.43	.67	4.74

16 VOLT (SURGE VOLTAGE 20)					
551-2.2M16	NDA225M16S	2.2	.18	.275	.18
551-3.3M16	NDB335M16S	3.3	.2	.3	.23
551-4.7M16	NDC475M16S	4.7	.22	.315	.27
551-6.8M16	NDC686M16S	6.8	.22	.335	.32
551-10M16	NDE106M16S	10.0	.22	.35	.36
551-15M16	NDE156M16S	15.0	.26	.37	.48
551-22M16	NDG226M16S	22.0	.275	.39	.59
551-33M16	NDH336M16S	33	.3	.43	1.23
551-47M16	NDJ476M16S	47	.3	.43	1.62
551-100M16	NDL107M16S	100	.39	.57	3.09

### TANTALUM CAPACITOR KITS

5 EACH OF 6 POPULAR VALUES FROM THE SERIES INDICATED IN PRICE TABLE BELOW.



STOCK NO.	WV	QTY	PRICE EACH
37-551-10	10	30	9.95
37-551-16	16	30	9.95
37-551-25	25	30	9.95
37-551-35	35	30	9.95

MOUSER NO.	NEC	MFD	CASE SIZE (IN.)	PRICE EACH
			DIA. HEIGHT	1 100 500 1000

20 VOLT (SURGE VOLTAGE 26)					
551-15M20	NDA156M20S	15.0	.275	.39	.59
551-22M20	NDH226M20S	22	.3	.43	1.23
551-33M20	NDB336M20S	33	.3	.43	1.62
551-47M20	NDK476M20S	47	.35	.57	2.04
551-100M20	NDN107M20S	100	.43	.67	4.74

25 VOLT (SURGE VOLTAGE 32)					
551-1.0M25	NDA105M25S	1.0	.18	.275	.18
551-1.5M25	NDA155M25S	1.5	.18	.275	.18
551-2.2M25	NDB225M25S	2.2	.2	.3	.23
551-3.3M25	NDC335M25S	3.3	.22	.315	.27
551-4.7M25	NDD475M25S	4.7	.22	.335	.32
551-6.8M25	NDE685M25S	6.8	.22	.35	.36
551-10M25	NDF106M25S	10.0	.26	.37	.48
551-22M25	NDK226M25S	22	.35	.57	2.04
551-33M25	NDL336M25S	33	.39	.57	3.09
551-47M25	NDN476M25S	47	.43	.67	4.74

35 VOLT (SURGE VOLTAGE 46)					
551-0.1M35	NDA104M35S	.10	.18	.275	.18
551-0.15M35	NDA154M35S	.15	.18	.275	.18
551-0.22M35	NDA224M35S	.22	.18	.275	.18
551-0.33M35	NDA334M35S	.33	.18	.275	.18
551-0.47M35	NDA474M35S	.47	.18	.275	.18
551-0.68M35	NDA684M35S	.68	.18	.275	.18
551-1.0M35	NDA105M35S	1.0	.18	.275	.18
551-1.5M35	NDA155M35S	1.5	.2	.3	.23
551-2.2M35	NDC225M35S	2.2	.22	.315	.27
551-3.3M35	NDC335M35S	3.3	.22	.335	.32
551-4.7M35	NDE475M35S	4.7	.22	.35	.36
551-6.8M35	NDE685M35S	6.8	.26	.37	.48
551-10M35	NDG106M35S	10.0	.275	.39	.59
551-22M35	NDL226M35S	22	.39	.57	3.09
551-47M35	NDP476M35S	47	.43	.67	5.58

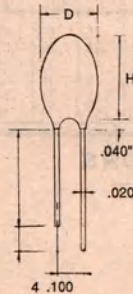


### MINIATURE SOLID DIPPED TANTALUM CAPACITORS

- DC LEAKAGE: 0.01 CV OR 0.5 uA
- OPERATING TEMP RANGE: -55°C TO +85°C
- FAILURE RATE: LESS THAN 2% PER 1000 HOURS
- TOLERANCE: ±10%

THESE MATSUO BLUE DT SERIES TYPE 202 ARE DESIGNED TO TAKE ADVANTAGE OF HIGH PURITY TANTALUM POWDER, RESULTING IN A SMALLER SIZE AT MINIMUM COST.

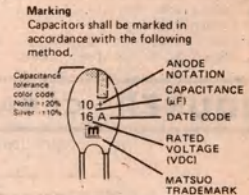
STOCK NO.	VALUE MFD	CASE SIZE	PRICE EACH				
			1	100	500	1000	5000
6.3 VOLT (SURGE VOLTAGE 8.0)							
540-6.8M06	6.8	1	.19	.15	.12	.11	CALL FOR QUOTE
540-10M06	10	2	.25	.19	.15	.14	
540-15M06	15	3	.29	.22	.18	.16	
540-22M06	22	4	.33	.25	.20	.18	
540-33M06	33	5	.43	.31	.25	.21	
540-47M06	47	6	.49	.38	.29	.26	
540-68M06	68	7	.72	.55	.43	.38	
540-100M06	100	8	1.39	1.07	.84	.75	
540-150M06	150	9	2.25	1.72	1.35	1.20	
540-220M06	220	10	3.29	2.52	1.97	1.75	
10 VOLT (SURGE VOLTAGE 13)							
540-4.7M10	4.7	1	.19	.15	.12	.11	CALL FOR QUOTE
540-6.8M10	6.8	2	.25	.19	.15	.14	
540-10M10	10	3	.29	.22	.18	.16	
540-15M10	15	4	.33	.25	.20	.18	
540-22M10	22	5	.43	.31	.25	.21	
540-33M10	33	6	.49	.38	.29	.26	
540-47M10	47	7	.72	.55	.43	.38	
540-68M10	68	8	1.39	1.07	.84	.75	
540-100M10	100	9	2.25	1.72	1.35	1.20	
540-150M10	150	10	3.59	2.76	2.16	1.92	
16 VOLT (SURGE VOLTAGE 20)							
540-3.3M16	3.3	1	.19	.15	.12	.11	CALL FOR QUOTE
540-4.7M16	4.7	2	.25	.19	.15	.14	
540-6.8M16	6.8	3	.29	.22	.18	.16	
540-10M16	10	4	.33	.25	.20	.18	
540-15M16	15	5	.43	.31	.25	.21	
540-22M16	22	6	.49	.38	.29	.26	
540-33M16	33	7	.72	.55	.43	.38	
540-47M16	47	8	1.69	1.30	1.02	.91	
540-68M16	68	9	2.25	1.72	1.35	1.20	
540-100M16	100	10	3.59	2.76	2.16	1.92	
20 VOLT (SURGE VOLTAGE 25)							
540-2.2M20	2.2	1	.19	.15	.12	.11	CALL FOR QUOTE
540-3.3M20	3.3	2	.25	.19	.15	.14	
540-4.7M20	4.7	3	.29	.22	.18	.16	
540-6.8M20	6.8	4	.33	.25	.20	.18	
540-10M20	10	5	.43	.31	.25	.21	
540-15M20	15	6	.49	.38	.29	.26	
540-22M20	22	7	.72	.55	.43	.39	
540-33M20	33	8	1.69	1.30	1.02	.92	
540-47M20	47	9	2.25	1.72	1.35	1.20	
540-68M20	68	10	3.59	2.76	2.16	1.92	



WHATEVER YOUR PROJECT IS- IT WILL PAY TO CONSIDER THESE QUALITY MINIATURE SOLID DIPPED TANTALUM CAPACITORS. GET THE MOST FROM YOUR BUDGET DOLLAR.

3.15 VDC - 35 VDC			
CASE SIZE	D MAX.	H MAX.	HA MAX.
1	.142	.236	.374
2	.150	.256	.384
3	.157	.276	.414
4	.189	.295	.433
5	.197	.315	.453
6	.217	.335	.473
7	.217	.374	.512
8	.256	.453	.591
9	.295	.512	.650
10	.315	.551	.689

### DIMENSIONS Inch



NOTE: MATSUO TRADEMARK shall be eliminated on case code 1 and 2.

STOCK NO.	VALUE MFD	CASE SIZE	PRICE EACH				
			1	100	500	1000	5000
<b>25 VOLT (SURGE VOLTAGE 32)</b>							
540-1.5M25	1.5	1	.19	.15	.12	.11	CALL FOR QUOTE
540-2.2M25	2.2	2	.25	.19	.15	.14	
540-3.3M25	3.3	3	.29	.22	.18	.16	
540-4.7M25	4.7	4	.33	.25	.20	.18	
540-6.8M25	6.8	5	.43	.31	.25	.21	
540-10M25	10	6	.49	.38	.29	.26	
540-15M25	15	7	.72	.55	.43	.39	
540-22M25	22	8	1.69	1.30	1.02	.91	
540-33M25	33	9	2.25	1.72	1.35	1.20	
540-47M25	47	10	3.59	2.76	2.16	1.92	
<b>35 VOLT (SURGE VOLTAGE 44)</b>							
540-0.1M35	0.1	1	.19	.15	.12	.11	CALL FOR QUOTE
540-0.15M35	0.15	1	.19	.15	.12	.11	
540-0.22M35	0.22	1	.19	.15	.12	.11	
540-0.33M35	0.33	1	.19	.15	.12	.11	
540-0.47M35	0.47	1	.19	.15	.12	.11	
540-0.68M35	0.68	1	.19	.15	.12	.11	
540-1.0M35	1.0	1	.19	.15	.12	.11	
540-1.5M35	1.5	2	.25	.19	.15	.14	
540-2.2M35	2.2	3	.29	.22	.18	.16	
540-3.3M35	3.3	4	.33	.25	.20	.18	
540-4.7M35	4.7	5	.43	.31	.25	.21	
540-6.8M35	6.8	6	.49	.38	.29	.26	
540-10M35	10	7	.72	.55	.43	.39	
540-15M35	15	8	1.69	1.30	1.02	.91	
540-22M35	22	9	2.25	1.72	1.35	1.20	
540-33M35	33	10	3.54	2.76	2.16	1.92	

ORDER BY PHONE, FAX, TELEX, OR MAIL



# Capacitors



## HIGH VOLTAGE CERAMIC DISC CAPACITORS

**MOUSER®**

500 VOLT  $\pm 20\%$  TOLERANCE

TEMPERATURE COEFFICIENT: Y5F MIN. ORDER = 2 PCS.

STOCK NO.	PFD	DIA. (MAX.)	L/S	PRICE EACH				
				2	200	1000	10000	
21CD005	5	.22	.25	.14	.04	.034	.030	CALL FOR QUOTE
21CD010	10	.22	.25	.14	.04	.034	.030	
21CD012	12	.23	.25	.14	.04	.034	.030	
21CD015	15	.27	.25	.14	.04	.034	.030	
21CD018	18	.26	.25	.14	.04	.034	.030	CALL FOR QUOTE
21CD022	22	.26	.25	.14	.04	.034	.030	
21CD025	25	.26	.25	.14	.04	.034	.030	
21CD027	27	.26	.25	.14	.04	.034	.030	
21CD030	30	.27	.25	.14	.04	.034	.030	CALL FOR QUOTE
21CD033	33	.33	.25	.14	.04	.034	.030	
21CD039	39	.33	.25	.14	.045	.035	.033	
21CD047	47	.33	.25	.14	.045	.035	.033	
21CD050	50	.33	.25	.14	.045	.035	.033	CALL FOR QUOTE
21CD056	56	.39	.25	.14	.045	.035	.033	
21CD068	68	.39	.25	.14	.045	.035	.033	
21CD075	75	.39	.25	.14	.045	.035	.033	
21CD082	82	.39	.25	.14	.045	.035	.033	CALL FOR QUOTE
21CD100	100	.39	.25	.14	.045	.035	.033	
21CD120	120	.39	.25	.14	.045	.035	.033	
21CD150	150	.39	.25	.14	.05	.038	.034	
21CD180	180	.39	.25	.14	.05	.038	.034	CALL FOR QUOTE
21CD200	200	.39	.25	.14	.05	.038	.034	
21CD220	220	.39	.25	.14	.05	.038	.034	
21CD250	250	.39	.25	.14	.05	.038	.034	
21CD270	270	.39	.25	.14	.05	.038	.034	CALL FOR QUOTE
21CD300	300	.39	.25	.14	.05	.038	.034	
21CD330	330	.39	.25	.14	.05	.038	.034	
21CD360	360	.39	.25	.14	.055	.039	.036	
21CD390	390	.39	.25	.14	.055	.039	.036	CALL FOR QUOTE
21CD470	470	.39	.25	.14	.055	.039	.036	
21CD500	500	.39	.25	.14	.055	.039	.036	
21CD560	560	.39	.25	.14	.055	.039	.036	
21CD680	680	.39	.25	.14	.055	.039	.036	CALL FOR QUOTE
21CD750	750	.39	.25	.14	.055	.039	.036	
21CD820	820	.39	.25	.14	.055	.039	.036	

500 VOLT -20% TO +80% TOLERANCE  
TEMPERATURE COEFFICIENT: Z5U MIN. ORDER = 2 PCS.

STOCK NO.	PFD	MFD	DIMENSIONS (IN.)		PRICE EACH				
			DIA. MAX.	L/S	2	200	1000	10000	
21FA001	1000	.001	.28	.25	.16	.047	.042	.034	CALL FOR QUOTE
21FA002	2000	.002	.27	.25	.16	.047	.042	.034	
21FA003	3000	.003	.31	.25	.16	.047	.042	.034	
21FA005	5000	.005	.36	.25	.17	.052	.044	.036	
21FA010	10000	.010	.43	.38	.18	.075	.065	.057	
21FA020	20000	.020	.53	.37	.22	.092	.085	.076	

• 10% • SL TEMP. COEFF. 1000 VOLT MIN. ORDER = 2 PCS.

STOCK NO.	VALUE (PF)	DIMENSIONS (IN.)		PRICE EACH				
		DIA. MAX.	L/S	2	200	1000	10000	
ME212-5315-10F	10	.30	.20	.06	.041	.037	.034	CALL FOR QUOTE
ME212-5315-22K	22	.30	.20	.06	.041	.037	.034	
ME212-5315-33K	33	.30	.20	.06	.041	.037	.034	
ME212-5315-47K	47	.30	.20	.06	.041	.037	.034	
ME212-5315-101K	100	.38	.20	.10	.063	.057	.052	
ME212-5315-221K	220	.45	.20	.11	.07	.064	.058	
ME212-5310-331K	330	.61	.40	.18	.116	.106	.096	CALL FOR QUOTE
ME212-5310-471K	470	.69	.40	.22	.139	.127	.115	

1000 VOLT • 10% • Y5P MIN. ORDER = 2 PCS.

STOCK NO.	VALUE (PF)	DIMENSIONS (IN.)		PRICE EACH				
		DIA. MAX.	L/S	2	200	1000	10000	
ME212-5115-331K	330	.30	.20	.06	.041	.037	.034	CALL FOR QUOTE
ME212-5115-471K	470	.30	.20	.06	.041	.037	.034	
ME212-5115-102K	1000	.38	.20	.10	.066	.06	.054	
ME212-5115-202K	2000	.53	.20	.13	.083	.076	.069	

2000 VOLT • 10% • Y5P MIN. ORDER = 2 PCS.

STOCK NO.	VALUE (PF)	DIMENSIONS (IN.)		PRICE EACH				
		DIA. MAX.	L/S	2	200	1000	10000	
ME212-6115-101K	100	.30	.20	.07	.044	.04	.036	CALL FOR QUOTE
ME212-6115-221K	220	.30	.20	.07	.044	.04	.036	
ME212-6115-331K	330	.30	.20	.07	.044	.04	.036	
ME212-6115-391K	390	.30	.20	.07	.044	.04	.036	
ME212-6115-471K	470	.38	.20	.11	.072	.065	.060	
ME212-6115-102K	1000	.45	.20	.13	.082	.074	.068	
ME212-6110-202K	2000	.61	.40	.26	.168	.153	.139	

**MALLORY**

## HIGH VOLTAGE DISC CERAMIC CAPACITORS



GENERAL  
PURPOSE

ALL CAPACITORS ARE COATED WITH TOUGH HUMIDITY RESISTANT  
COATING AND PRIMARILY DESIGNED FOR NON-CRITICAL COUPLING,  
BYPASS AND FILTER APPLICATIONS.

1000 VOLT  $\pm 10\%$   $\pm 20\%$

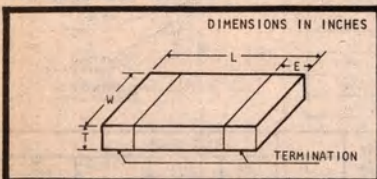
STOCK NO.	PFD	TEMP. COEF.	DIA.	L/S	PRICE EACH				
					1	100	1000	10000	
539-GP310	100	Y5P	.236	.25"	.16	.09	.08		CALL FOR QUOTE
539-GP347	470	Y5P	.236	.25"	.16	.08	.07		
539-GP210	1000	Y5P	.291	.25"	.18	.10	.09		
539-GP222	2200	Y5P	.374	.25"	.24	.12	.11		
539-GP247	4700	Y5U	.433	.25"	.29	.15	.14		CALL FOR QUOTE
539-GP110	10000	Y5U	.590	.375"	.35	.17	.15		

3000 VOLT  $\pm 20\%$  OPERATING TEMP: -35°C TO +85°C

STOCK NO.	PFD	TEMP. COEF.	DIA.	L/S	PRICE EACH				
					1	100	1000	10000	
539-HT471M	470	Y5P	.394"	.375"	.27	.14	.12		CALL FOR QUOTE
539-HT102M	1000	Y5U	.394"	.375"	.36	.18	.15		
539-HT222M	2200	Y5U	.590"	.375"	.36	.18	.15		
539-HT472M	4700	Y5U	.787"	.375"	.86	.42	.36		

## MOUSER® CERAMIC CHIP CAPACITORS

50 VOLT



### SPECIFICATIONS FOR NPO TYPE

- OPERATING TEMP: -55°C TO +125°C
- DISSIPATION FACTOR: 0.15% MAX AT 1 VRMS MAX, 1 KHZ, 25°C
- INSULATION RESISTANCE: GREATER THAN 100GΩ FOR BELOW .01 UF, 25°C, VDCW  
GREATER THAN 1000GΩ FOR ABOVE .01 UF, 25°C, VDCW
- DIELECTRIC WITHSTANDING VOLTAGE: 250% RATED VOLTAGE FOR 5 SECONDS WITH  
50mA MAX. CHARGING CURRENT, 25°C
- LIFE TEST: 200% RATED VOLTAGE @ +125°C FOR 1,000 HOURS

### SPECIFICATIONS FOR X7R TYPE

- TEMPERATURE COEFFICIENT: C 0  $\pm 15\%$  MAX. OVER -55°C TO +125°C
- DISSIPATION FACTOR: .025 (2.5%) MAX. AT 1KHZ  $\pm 50$ HZ, 1.0  $\pm 0.2$ V, 25°C
- INSULATION RESISTANCE: GREATER THAN 100GΩ FOR CAPACITANCE BELOW .01UF, 25°C, VDCW  
GREATER THAN 1,000GΩ FOR CAPACITANCE ABOVE .01UF, 25°C, VDCW
- DIELECTRIC WITHSTANDING VOLTAGE: 250% RATED VOLTAGE FOR 5 SECONDS,  
50mA MAX. CHARGING CURRENT, 25°C
- LIFE TEST: 200% RATED VOLTAGE AT +125°C FOR 1,000 HOURS

### SPECIFICATIONS FOR Z5U TYPE

- OPERATING TEMP: -55°C TO +85°C
- INSULATION RESISTANCE: GREATER THAN 10,000MΩ FOR CAPACITANCE BELOW .05UF, 25°C, VDCW  
GREATER THAN 500MΩ FOR CAPACITANCE ABOVE .05UF, 25°C, VDCW
- DIELECTRIC WITHSTANDING VOLTAGE: 250% RATED VOLTAGE FOR 5 SECONDS,  
50mA MAX. CHARGING CURRENT, 25°C
- TEST LIFE: 200% RATED VOLTAGE @ +85°C FOR 250 HOURS.

### NPO TEMPERATURE STABLE $\pm 10\%$

STOCK NO.	VALUE	MAX. DIMENSIONS				PRICE EACH				
		L	W	T	E	1	100	500	1000	
21CC847	4.7PFD	.08	.05	.05	.015	.34	.17	.14		CALL FOR QUOTE
21CC710	10PFD	.08	.05	.05	.015	.34	.17	.14		
21CC722	22PFD	.08	.05	.05	.015	.34	.17	.14		
21CC739	39PFD	.08	.05	.05	.015	.22	.08	.07		
21CC747	47PFD	.08	.05	.05	.015	.34	.17	.14		
21CC610	100PFD	.08	.05	.05	.015	.34	.17	.14		
21CC612	120PFD	.08	.05	.05	.015	.22	.08	.07		CALL FOR QUOTE
21CC622	220PFD	.08	.05	.05	.015	.34	.17	.14		
21CC647	470PFD	.08	.05	.05	.015	.34	.17	.14		

### X7R TEMPERATURE STABLE $\pm 10\%$ TOLERANCE

STOCK NO.	VALUE	MAX. DIMENSIONS				PRICE EACH				
		L	W	T	E	1	100	500	1000	
21CR633	330PFD	.055	.04	.05	.005	.21	.07	.06		CALL FOR QUOTE
21CR647	470PFD	.055	.04	.05	.005	.21	.07	.06		
21CR650	500PFD	.055	.04	.05	.005	.21	.07	.06		
21CR510	1000PFD	.08	.05	.05	.015	.34	.15	.12		
21CR510	.001MFD	.08	.05	.05	.015	.34	.15	.12		
21CR410	.01MFD	.08	.05	.05	.015	.44	.29	.26		
21CR420	.02MFD	.10	.08	.05	.02	.44	.29	.26		CALL FOR QUOTE
21CR450	.05MFD	.10	.08	.05	.02	.44	.29	.26		
21CR310	.1MFD	.175	.13	.07	.02	.59	.39	.36		

### Z5U GENERAL PURPOSE $\pm 20\%$ TOLERANCE

250 GENERAL PURPOSE 10% TOLERANCE										
STOCK NO.	VALUE	MAX. DIMENSIONS				PRICE EACH				
		L	W	T	E	1	100	500	1000	
21CZ410	.01MFD	.08	.05	.05	.015	.32	.21	.17	CALL	
21CZ450	.05MFD	.10	.08	.05	.02	.32	.21	.17	FOR	
21CZ320	.2MFD	.18	.13	.07	.02	.45	.39	.27	QUOTE	



# MOUSER<sup>®</sup> Ceramic Disc Capacitors

## 12 VOLT HIGH RELIABILITY

TEMPERATURE COEFFICIENT: Y5R • MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX	L/S	PRICE EACH				
				2	100	200	1000	10000
<b>-20% TO +80% TOLERANCE</b>								
21ER050	.05	.24	.25	.18	.15	.11	.097	.089
21ER100	.1	.31	.25	.20	.16	.12	.109	.10
21ER200	.2	.39	.25	.21	.17	.13	.12	.11
<b>±20% TOLERANCE</b>								
21ER600	.1	.31	.25	.25	.18	.13	.12	.11

## 50 VOLT -20% TO +80%

GENERAL PURPOSE  
TEMPERATURE COEFFICIENT: Z5V • MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
21FH001	.001	.20	.20	.12	.070	.03	.023	.021
21FH010	.01	.26	.20	.12	.076	.032	.026	.024
21FH020	.02	.35	.375	.13	.065	.043	.038	.035
21FH050	.05	.45	.375	.15	.12	.099	.086	.079
21ET100	.1	.45	.375	.18	.14	.10	.088	.081

## 50 VOLT -20% TO +80%

GENERAL PURPOSE  
TEMPERATURE COEFFICIENT: Z5V • MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
21FG001	.001	.20	.25	.12	.077	.033	.025	.023
21FG010	.01	.30	.25	.13	.083	.036	.029	.027
21FG020	.02	.33	.375	.14	.094	.048	.042	.039
21FG050	.05	.37	.375	.16	.13	.11	.097	.089
21FG100	.1	.45	.375	.18	.16	.13	.109	.10

## 50 VOLT Z5U GENERAL PURPOSE

• MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
<b>-20% TO +80%</b>								
21ET001	.001	.26	.25	.12	.077	.033	.025	.023
21ET002	.002	.20	.25	.12	.077	.033	.025	.023
21ET005	.005	.20	.25	.12	.077	.033	.028	.026
21ET010	.01	.25	.25	.13	.083	.036	.029	.027
21ET020	.02	.45	.25	.14	.094	.048	.042	.039
21ET050	.05	.41	.20	.16	.13	.11	.097	.089
<b>±20% TOLERANCE</b>								
21EE001	.001	.26	.25	.13	.082	.034	.026	.024
21EE002	.002	.26	.25	.13	.082	.034	.026	.024
21EE005	.005	.25	.25	.13	.082	.034	.029	.027
21EE010	.01	.25	.25	.14	.089	.037	.031	.029
21EE020	.02	.39	.25	.15	.10	.052	.047	.043
21EE050	.05	.52	.40	.17	.15	.12	.098	.090

## 50 VOLT Y5P TEMP. STABLE ±20%

• MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
21EX001	.001	.27	.20	.13	.083	.036	.029	.027
21EX005	.005	.36	.375	.14	.094	.048	.042	.039
21EX010	.01	.39	.25	.16	.13	.11	.103	.095

## 50 VOLT

• 10% • Y5P • TEMPERATURE STABLE

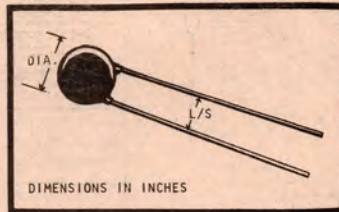
• MIN. ORDER 2 PCS.

STOCK NO.	VALUE (MFD)	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
ME212-2112-102K	.001	.18	.10	.08	.053	.025	.023	.021
ME212-2115-202K	.002	.26	.20	.08	.053	.025	.023	.021
ME212-2115-103K	.01	.46	.20	.14	.098	.055	.050	.046

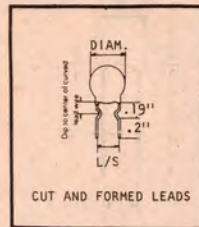
## 100 VOLT -20% TO +80% TOLERANCE

Z5U GENERAL PURPOSE • MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
21EW001	.001	.20	.25	.15	.095	.04	.031	.029
21EW002	.002	.39	.25	.15	.095	.04	.031	.029
21EW005	.005	.39	.25	.15	.095	.04	.034	.031
21EW010	.010	.28	.25	.15	.098	.045	.035	.032
21EW020	.020	.38	.25	.18	.12	.052	.042	.039
21EW050	.050	.55	.375	.19	.15	.11	.097	.089
21EW100	.100	.55	.375	.25	.17	.13	.109	.10



DIMENSIONS IN INCHES



FOR QUANTITIES OF 25,000 OR MORE  
CALL FOR QUOTE

## 50 VOLT • +80 -20%

• MIN. ORDER 2 PCS.

STOCK NO.	MFD	DIA. MAX	L/S	PRICE EACH				
				2	100	200	1000	10000
STANDARD 1" LEADS								
ME212-2142-1022	.001	.14	.10	.12	.076	.033	.025	.023
ME212-2142-2022	.002	.14	.10	.12	.076	.033	.025	.023
ME212-2142-4722	.0047	.18	.10	.12	.076	.033	.028	.026
ME212-2145-1032	.01	.20	.20	.13	.083	.036	.029	.027
ME212-2145-5032	.05	.49	.20	.16	.14	.11	.097	.089
ME212-2140-1042	.10	.63	.40	.18	.16	.13	.109	.10
CUT AND FORMED								
ME212-2141-1022	.001	.15	.20	.12	.076	.033	.028	.023
ME212-2141-2022	.002	.14	.20	.12	.076	.033	.025	.023
ME212-2141-5022	.005	.24	.20	.12	.076	.033	.028	.026
ME212-2141-1032	.01	.20	.20	.13	.083	.036	.029	.027
ME212-2141-5032	.05	.46	.20	.16	.14	.11	.097	.089
ME212-2141-1042	.10	.65	.40	.18	.16	.13	.109	.10

## 50 VOLT ± 20% TOLERANCE

GENERAL PURPOSE  
TEMPERATURE COEFFICIENT: SL(P350 TO N1000)PPM/°C  
• MIN. ORDER 2 PCS.

STOCK NO.	PFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
21FL005	5	.20	.25	.15	.10	.055	.025	.023
21FL007	6.8	.26	.25	.15	.10	.055	.025	.023
21FL010	10	.26	.25	.15	.10	.055	.025	.023
21FL012	12	.26	.25	.15	.10	.055	.025	.023
21FL015	15	.20	.25	.15	.10	.055	.025	.023
21FL018	18	.20	.25	.15	.10	.055	.025	.023
21FL020	20	.20	.25	.15	.10	.055	.025	.023
21FL022	22	.28	.25	.15	.10	.055	.025	.023
21FL027	27	.20	.25	.16	.11	.056	.027	.025
21FL030	30	.29	.25	.16	.11	.056	.027	.025
21FL033	33	.25	.25	.16	.11	.056	.027	.025
21FL039	39	.20	.25	.16	.11	.056	.027	.025
21FL043	43	.32	.25	.16	.11	.056	.027	.025
21FL047	47	.20	.25	.16	.11	.056	.027	.025
21FL050	50	.29	.25	.17	.12	.059	.027	.025
21FL051	51	.20	.25	.17	.12	.059	.027	.025
21FL056	56	.29	.25	.17	.12	.059	.027	.025
21FL068	68	.25	.25	.17	.12	.059	.027	.025
21FL075	75	.29	.25	.17	.12	.059	.027	.025
21FL100	100	.25	.25	.17	.12	.059	.027	.025
21FL150	150	.22	.25	.18	.13	.062	.030	.028
21FL200	200	.32	.25	.18	.13	.062	.030	.028
21FL220	220	.30	.25	.18	.13	.062	.030	.028
21FL250	250	.31	.25	.19	.13	.067	.030	.028
21FL270	270	.28	.25	.19	.13	.067	.030	.028
21FL300	300	.39	.25	.19	.13	.067	.035	.032
21FL330	330	.32	.25	.19	.13	.067	.035	.032
21FL390	390	.32	.25	.19	.13	.067	.035	.032
21FL470	470	.35	.25	.19	.13	.067	.040	.037
21FL500	500	.39	.25	.19	.13	.067	.040	.037
21FL600	600	.40	.25	.19	.13	.067	.042	.039

## 50 VOLT

NPO TEMP. STABLE ±10%

• MIN. ORDER 2 PCS.

STOCK NO.	PFD	DIA. MAX.	L/S	PRICE EACH				
				2	100	200	1000	10000
21FK001	1	.15	.25	.17	.12	.061	.027	.025
21FK005	5	.22	.25	.17	.12	.061	.027	.025
21FK010	10	.20	.25	.17	.12	.061	.027	.025
21FK012	12	.22	.10	.17	.12	.061	.027	.025
21FK020	20	.20	.25	.17	.12	.061	.034	.031
21FK022	22	.20	.25	.17	.12	.061	.034	.031
21FK030	30	.26	.25	.18	.13	.062	.038	.035
21FK033	33	.26	.25	.18	.13	.062	.038	.035
21FK047	47	.23	.25	.18	.13	.062	.038	.035
21FK050	50	.26	.25	.18	.13	.062	.038	.035
21FK100	100	.33	.25	.19	.14	.065	.052	.057
21FK120	120	.30	.20	.19	.14	.065	.052	.057
21FK150	150	.39	.25	.19	.14	.065	.052	.057
21FK200	200	.37	.375	.20	.15	.098	.087	.080
21FK330	330	.32	.20	.21	.17	.14	.130	.12

## 50 VOLT

• 10% • Y5P • TEMPERATURE STABLE

• MIN. ORDER 2 PCS.

STOCK NO.	VALUE (PF)	DIA. MAX	L/S	PRICE EACH				
				2	100	200	1000	10000
ME212-2112-101K	100	.19	.10	.08	.052	.025	.023	.021
ME212-2112-121K	120	.19	.10	.08	.052	.025	.023	.021
ME212-2112-151K	150	.18	.10	.08	.052	.025	.023	.021
ME212-2112-201K	200	.18	.10	.08	.052	.025	.023	.021
ME212-2112-221K	220	.18	.10	.08	.052	.025	.023	.021
ME212-2112-271K	270	.18	.10	.08	.052	.025	.023	.021
ME212-2112-301K	300	.18	.10	.08	.052	.025	.023	.021
ME212-2112-331K	330	.18	.10	.08	.052	.025	.023	.021
ME212-2112-471K	470	.19	.10	.08	.052	.025	.023	.021
ME212-2112-102K	1000	.18	.10	.08	.052	.025	.023	.021
ME212-2115-202K	2000	.27	.20	.08	.052	.025	.023	.021
ME212-2115-103K	10000	.47	.20	.14	.10	.055	.050	.046



# Monolithic Ceramic and Mica Capacitors

## MOUSER® EPOXY DIPPED MONOLITHIC CERAMIC CAPACITORS

- EPOXY COATED
- SOLDERED, COPPER CLAD STEEL
- STANDARD TOLERANCES

■ MARKING AS SIZE ■  
PERMITS IN  
DESCENDING ORDER:  
CAPACITANCE  
TOLERANCE  
WORKING VOLTAGE  
TEMPERATURE  
COEFFICIENT

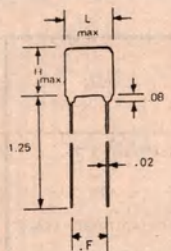
OTHER CERAMIC CAPACITORS ARE AVAILABLE  
IN THIS CATALOG. OTHER VALUES AND VOLTAGES  
ARE AVAILABLE. CALL OUR SALES DEPT. FOR  
A QUOTE.



SPECIFICATION	NPO	XFR	Z5U
OPERATING TEMPERATURE RANGE	-55 TO +125°C	-55 TO +125°C	-55 TO +85°C
DESSICATION FACTOR (25°C, 1000H)	0.15 MAX.	2.5 MAX.	3.5 MAX. AT 0.5Vrms
INSULATION RESISTANCE, MIN. (25°C, RATED VOLTAGE)	100K MEGOHMS OR 1000 MEGOHMS X uF WHICHEVER IS LESS	100K MEGOHMS OR 1000 MEGOHMS X uF WHICHEVER IS LESS	10K MEGOHMS OR 500 MEGOHMS X uF WHICHEVER IS LESS
DIELECTRIC WITHSTANDING VOLTAGE (50 H MAX., 5 SEC.)	2.5 X RATED VOLTAGE	2.5 X RATED VOLTAGE	2.5 X RATED VOLTAGE
LIFE TEST (1,000 HOURS)	2 X RATED VOLTAGE AT +125°C	2 X RATED VOLTAGE AT +125°C	1.5 X RATED VOLTAGE AT +85°C
TEMPERATURE CHARACTERISTIC	0±30 ppm/°C	±15/	+22/-56/ (+10° to 85°C)

### NPO TEMPERATURE STABLE 50 VOLT ±10%

STOCK NO.	VALUE	DIMENSIONS					PRICE EACH				
		L	H	T	F	I	1	100	500	1000	
21RD710	10PFD	.15	.15	.10	.10	.34	.26	.24			CALL FOR QUOTE
21RD722	22PFD	.15	.15	.10	.10	.34	.26	.24			
21RD739	39PFD	.15	.15	.10	.10	.34	.26	.24			
21RD747	47PFD	.15	.15	.10	.10	.34	.26	.24			
21RD610	100PFD	.15	.15	.10	.10	.34	.26	.24			
21RR612	120PFD	.15	.15	.10	.10	.42	.32	.29			
21RD622	220PFD	.15	.15	.10	.10	.42	.32	.29			
21RR627	270PFD	.15	.15	.10	.10	.47	.36	.33			
21RR633	330PFD	.15	.15	.10	.10	.47	.36	.33			
21RD647	470PFD	.20	.20	.125	.10	.36	.28	.25			
21RR510	1000PFD	.20	.20	.125	.10	.57	.44	.40			



DIMENSIONS IN INCHES

### NPO TEMPERATURE STABLE 100 VOLT ±10%

STOCK NO.	VALUE	DIMENSIONS					PRICE EACH				
		L	H	T	F	I	1	100	500	1000	
21RR612	120PFD	.15	.15	.10	.10	.42	.32	.29			CALL FOR QUOTE
21RR627	270PFD	.15	.15	.10	.10	.47	.36	.33			
21RR633	330PFD	.15	.15	.10	.10	.47	.36	.33			
21RR510	1000PFD	.20	.20	.125	.10	.57	.44	.40			

### Z5U GENERAL PURPOSE 50 VOLT ±20%

STOCK NO.	VALUE	DIMENSIONS					PRICE EACH				
		L	H	T	F	I	1	100	500	1000	
21RZ410	.01MFD	.15	.15	.10	.10	.22	.17	.15			CALL FOR QUOTE
21RZ420	.02MFD	.15	.15	.10	.10	.34	.26	.24			
21RZ450	.05MFD	.20	.20	.125	.10	.34	.26	.24			
21RZ310	.1MFD	.20	.20	.125	.10	.27	.21	.19			
21RZ320	.2MFD	.20	.20	.125	.10	.43	.33	.30			

### X7R TEMPERATURE STABLE 50 VOLT ±10%

STOCK NO.	VALUE	DIMENSIONS					PRICE EACH				
		L	H	T	F	I	1	100	500	1000	
21RX510	1000PFD	.15	.15	.10	.10	.26	.20	.18			CALL FOR QUOTE
21RX510	.001MFD	.15	.15	.10	.10	.26	.20	.18			
21RX410	.01MFD	.20	.20	.125	.10	.29	.22	.20			
21RX420	.02MFD	.20	.20	.125	.10	.33	.25	.23			
21RX450	.05MFD	.20	.20	.125	.10	.56	.43	.39			
21RX310	.1MFD	.20	.20	.15	.20	.62	.48	.44			
21RX320	.2MFD	.30	.30	.15	.20	1.37	1.05	.95			

**MALLORY**

## MONOLITHIC CERAMIC CAPACITORS

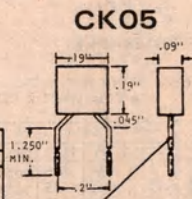
MALLORY MONOLITHIC CAPACITORS ARE PRODUCED IN A PLANT DESIGNED SPECIFICALLY FOR CAPACITOR MANUFACTURING. THIS MEANS EXCELLENT QUALITY CONTROL IN EVERY PHASE OF MANUFACTURING, ASSURING YOU OF A SUPERIOR PRODUCT. MADE FROM FERROELECTRIC, BARIUM TITANATE MATERIAL.

### SPECIFICATIONS

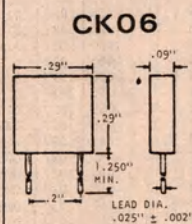
- TOLERANCE: ± 10%
- OPERATING TEMP: -55°C TO 125°C
- MOLDED CASE
- MIL SPEC MIL-C-11015/18 OR MIL-C-11015/20



STOCK NO.	WVDC	CAPACITANCE PFD	PRICE EACH				
			1	100	500	1000	
539-CK05BX100K	200	10	.37	.15	.13		CALL FOR QUOTE
539-CK05BX120K	200	12	.37	.15	.13		
539-CK05BX150K	200	15	.37	.15	.13		
539-CK05BX220K	200	22	.37	.15	.13		
539-CK05BX470K	200	47	.36	.14	.13		
539-CK05BX101K	200	100	.37	.15	.13		
539-CK05BX181K	200	180	.36	.14	.13		
539-CK05BX221K	200	220	.37	.15	.13		
539-CK05BX271K	200	270	.37	.15	.13		
539-CK05BX331K	200	330	.37	.15	.13		
539-CK05BX471K	200	470	.36	.14	.13		CALL FOR QUOTE
539-CK05BX561K	200	560	.36	.14	.13		
539-CK05BX681K	200	680	.36	.14	.13		
539-CK05BX821K	200	820	.36	.14	.13		
539-CK05BX102K	200	1000	.37	.15	.13		
539-CK05BX152K	100	1500	.37	.15	.13		
539-CK05BX222K	100	2200	.37	.15	.13		
539-CK05BX272K	100	2700	.37	.15	.13		
539-CK05BX332K	100	3300	.36	.14	.13		
539-CK05BX472K	100	4700	.36	.14	.13		
539-CK05BX682K	100	6800	.39	.15	.14		CALL FOR QUOTE
539-CK05BX822K	100	8200	.39	.15	.14		
539-CK05BX103K	100	10,000	.41	.16	.17		
539-CK05BX223K	50	22,000	.49	.19	.17		
539-CK05BX333K	50	33,000	.52	.20	.19		
539-CK05BX473K	50	47,000	.52	.20	.19		
539-CK05BX104K	50	100,000	.54	.21	.19		
539-CK06BX822K	200	8200	.46	.19	.18		
539-CK06BX333K	100	33,000	.56	.22	.21		
539-CK06BX473K	100	47,000	.56	.22	.21		
539-CK06BX104K	100	100,000	.56	.22	.21		



CENTER LINE OF LEADS  
WITHIN .030" OF CENTER  
LINE OF CASE



## DIPPED SILVER MICA CAPACITORS

### SPECIFICATIONS

OPERATING TEMP: ..... -55°C to +125°C  
WORKING VOLTS: ..... 500WVDC  
TOLERANCE: ..... ± 5%  
VIBRATION TEST: ..... 10-2000 CYCLES  
DIELECTRIC VOLTS: ..... 1000 WVDC  
INSULATION RESISTANCE: ..... 100,000 MEGOHMS

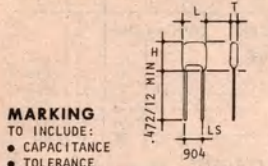
CASE TYPE	SIZE RANGE					
	L	H	T	L	H	T
DM10	.36 x .33 x .19	TO	.36 x .33 x .22			
DM15	.45 x .36 x .17	TO	.50 x .43 x .25			
DM19	.64 x .50 x .19	TO	.70 x .58 x .35			

STOCK NO.	VALUE pF	CASE TYPE	PRICE EACH				
			1	10	100	500	
ME232-1000-001	1	DM10	.72	.55	.49		CALL FOR QUOTE
ME232-1000-005	5	DM10	.72	.55	.49		
ME232-1000-010	10	DM10	.72	.55	.49		
ME232-1000-012	12	DM10	.62	.48	.44		
ME232-1000-015	15	DM10	.62	.48	.44		
ME232-1000-018	18	DM10	.62	.48	.44		
ME232-1000-022	22	DM10	.62	.48	.44		
ME232-1000-027	27	DM10	.62	.48	.44		
ME232-1000-030	30	DM10	.62	.48	.44		
ME232-1000-033	33	DM10	.62	.48	.44		
ME232-1000-039	39	DM10	.62	.48	.44		CALL FOR QUOTE
ME232-1500-047	47	DM15	.60	.40	.36		
ME232-1500-050	50	DM15	.60	.40	.36		
ME232-1500-056	56	DM15	.60	.40	.36		
ME232-1500-068	68	DM15	.60	.40	.36		
ME232-1500-075	75	DM15	.60	.40	.36		
ME232-1500-082	82	DM15	.60	.40	.36		
ME232-1500-100	100	DM15	.60	.40	.36		
ME232-1500-120	120	DM15	.61	.41	.37		
ME232-1500-150	150	DM15	.61	.41	.37		
ME232-1500-180	180	DM15	.69	.46	.42		CALL FOR QUOTE
ME232-1500-220	220	DM15	.69	.46	.42		
ME232-1500-250	250	DM15	.69	.46	.42		
ME232-1900-270	270	DM19	.77	.59	.54		
ME232-1900-300	300	DM19	.77	.59	.54		
ME232-1900-330	330	DM19	.77	.59	.54		
ME232-1900-390	390	DM19	.87	.67	.61		
ME232-1900-470	470	DM19	.87	.67	.61		
ME232-1900-500	500	DM19	.87	.67	.61		
ME232-1900-560	560	DM19	.87	.67	.61		
ME232-1900-680	680	DM19	1.04	.80	.72		CALL FOR QUOTE
ME232-1900-820	820	DM19	1.10	.85	.77		
ME232-1900-910	910	DM19	1.18	.91	.82		
ME232-1900-1000	1000	DM19	1.24	.95	.86		



# THOMSON-CSF Capacitors

## RADIAL MONOLITHIC CERAMIC CAPACITORS ECOCAP



### MARKING

- TO INCLUDE:
- CAPACITANCE
- TOLERANCE
- VOLTAGE (SIZE 905 AND ABOVE)
- TEMP COEFFICIENT CODE (SIZE 905)

### CASE SIZE DIMENSIONS

SIZE	INCHES				
	L MAX	H MAX	T MAX	LEAD DIAM.	LEAD SPACING
904	.150	.209	.100	.024	.100
	3.8	5.3	2.5	.6	2.5
905	.200	.256	.125	.024	.100
	5.0	6.5	3.1	.6	2.5

\* H DIMENSION RUNS TO BOTTOM OF EPOXY MENISCUS

### CAPACITANCE AND DISSIPATION FACTOR

MEASURING FREQUENCIES AND VOLTAGES  
**TYPE C (NPO/COG)**  
 FREQUENCY  
 $C \leq 1000pF, f = 1 \text{ MHz}$   
 $C \geq 1000pF, f = 1 \text{ KHz}$   
 VOLTAGE  
 5 V RMS MAX.  
**TYPE Z (X7R)**  
 FREQUENCY  
 $f = 1 \text{ KHz}$   
 VOLTAGE  
 1 V RMS MAX.  
**TYPE W (Z5U)**  
 FREQUENCY  
 $f = 1 \text{ KHz}$   
 VOLTAGE  
 0.5 V RMS MAX.

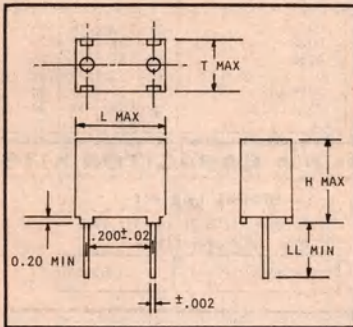
### OPERATING CHARACTERISTICS

CHARACTERISTIC	TYPE C-NPO/COG	TYPE Z-X7R	TYPE W-Z5U
Capacitance Range	4.7pF-.1MF	1000pF-1.5MF	.01-4.7MF
Capacitance Tolerance	$C \leq 10pF \pm 0.25pF$ $\pm 0.5pF$ $C \geq 10pF \pm 5\%, \pm 10\%$	$\pm 10\%$ $\pm 20\%$	$\pm 20\%$ $-20\% + 80\%$
Dissipation Factor	$5 \leq C \leq 50pF$ $1 \leq (150/C-7) 10^{-2}\%$ $C \geq 50pF, \leq 1\%$	2.5%	3.0%
Insulation Resistance @ 25°C and Rated Voltage	100 GΩ or 10000-F, whichever is less	100 GΩ or 10000-F, whichever is less	10 GΩ or 1000-F, whichever is less
Rated Voltage	50/100 VDC	50/100 VDC	50/100 VDC
Surge Voltage	2.5 X rated voltage	2.5 X rated voltage	2.5 X rated voltage
Humidity Test	Between -55° + 125°C, 56 days at damp heat	Between -55° + 125°C, 56 days at damp heat	Between -55° + 125°C, 56 days at damp heat
Temperature Coefficient	0 ± 30 ppm/°C (-55° to + 125°C)	± 15% (-55° to + 125°C)	+20/- 56% (+10° to + 85°C)
Capacitance Change			

STOCK NO.	VALUE	VOLTAGE RATING	TYPE	TOLERANCE	SIZE	PRICE EACH			
						2	100	500	1000
581-UDW474M1	.47μF	50V	Z5U	20%	905	.65	.50	.42	CALL FOR QUOTE
581-UDW224M1	.22μF	50V	Z5U	20%	905	.38	.29	.25	
581-UDW104M1	.1μF	50V	Z5U	20%	905	.21	.16	.14	
581-UDZ104K1	.1μF	50V	X7R	10%	905	.35	.27	.23	
581-UDZ473K1	.047μF	50V	X7R	10%	905	.29	.22	.18	
581-UDZ223K1	.022μF	50V	X7R	10%	904	.21	.16	.14	
581-UEZ103M1	.01μF	100V	X7R	10%	904	.20	.15	.13	
581-UEW103M1	.01μF	100V	Z5U	20%	904	.19	.14	.12	
581-UEZ102K1	.001μF	100V	X7R	10%	904	.19	.14	.12	
581-UEC102J1	.0001μF	100V	NPO	5%	904	.21	.16	.14	

## MULTILAYER FILM CAPACITORS TYPE IRD 607

THE TYPE IRD 607 IS A FULLY AUTOMATED LINE OF METALLIZED MINIATURE POLYESTER FILM CAPACITORS, FEATURING A PROPRIETARY MULTILAYER FILM CONSTRUCTION. AVAILABLE IN A FULL RANGE OF VALUES FROM .001 mFd TO .47 mFd, STANDARD TOLERANCES OF 5%, 10% AND 20%, AND .200" LEAD SPACING ON OPTIONAL TAPE AND REEL, THE IRD CAPACITOR IS PARTICULARLY WELL SUITED FOR PRINTED CIRCUITS, COUPLING AND DECOUPLING OF LOGIC INTEGRATED CIRCUITS, FILTERING, TIMING, BYPASS, OR IN SPACE-LIMITED APPLICATIONS. THE IRD IS IDEAL FOR USE IN AUTOMOTIVE, TELECOMMUNICATIONS, INDUSTRIAL, AND INSTRUMENTATION APPLICATIONS.



### DIMENSIONS (ALL DIMENSIONS IN INCHES EXCEPT WHERE NOTED.)

- LENGTH (MAX): .295/7.5
- HEIGHT (MAX): .256/6.5
- THICKNESS (MAX): .098/2.5
- LEAD SPACING: .200 ± .02/5 ± .05
- LEAD DIAMETER: .02 ± .002/5 ± .05
- LEAD LENGTH (MIN): .236/6.0 (STD)

### FEATURES

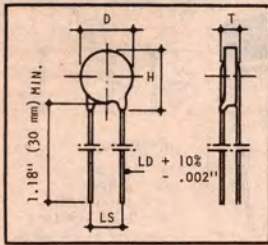
- SPACE-SAVING MULTILAYER FILM CONSTRUCTION
- .001 TO .47 mFd
- 5%, 10% AND 20% STANDARD TOLERANCES
- 63 VDC
- .200" (5MM) LEAD SPACING ON ALL VALUES
- 2 DIFFERENT LEAD LENGTHS AVAILABLE
- SUPERIOR ELECTRICAL CHARACTERISTICS
- RADIAL STYLE TAPE AND REELING FOR AUTOMATIC INSERTION
- RECOMMENDED SOLDERING CONDITIONS ARE: 260°C (500°F) FOR 5 SECONDS.

RATED VOLTAGE	V <sub>R</sub>	63 VDC
TEST VOLTAGE	V <sub>T</sub>	88 VDC (1.6 x V <sub>R</sub> )
PERMISSIBLE AC VOLTAGE @ 60 Hz	V <sub>RMS</sub>	40 VRMS
OPERATING TEMP. RANGE	°C	-55° to + 100°C*
TEMPERATURE COEFFICIENT	$\frac{\Delta C}{C}$	± 5% (-40° to + 100°C)
DISSIPATION FACTOR	DF	0.8% @ 1 KHz
INSULATION RESISTANCE @ 20°C	IR	> 10 GΩ typical (40 Ω min.)
STABILITY @ 100°C FOR 1000 HOURS	$\frac{\Delta C}{C}$	
HUMIDITY TEST		95% RH for 21 days @ 40°C

\* For operation between 85° - 100°C derate voltage by 75%

STOCK NO.	VALUE μF	VOLTAGE RATING	TOLERANCE	PRICE EACH			
				2	100	500	1000
581-IR67102K	.0010	63VDC	10%	.25	.18	.15	CALL FOR QUOTE
581-IR67472K	.0047	63VDC	10%	.25	.18	.15	
581-IR67103K	.0100	63VDC	10%	.25	.18	.15	
581-IR67223K	.0220	63VDC	10%	.29	.21	.17	
581-IR67333K	.0330	63VDC	10%	.31	.22	.19	
581-IR67473K	.0470	63VDC	10%	.32	.23	.19	
581-IR67683K	.0680	63VDC	10%	.34	.24	.20	
581-IR67104K	.1000	63VDC	10%	.33	.24	.24	
581-IR77154K	.1500	63VDC	10%	.47	.34	.28	
581-IR77224K	.2200	63VDC	10%	.57	.42	.34	

## METAL OXIDE VARISTORS TYPE VZ



THE PASSIVE COMPONENTS DIVISION OF THOMSON-CSF COMPONENTS CORPORATION INTRODUCES ITS NEW LINE OF VZ ZINC OXIDE VARISTORS. THE VZ SERIES OF VARISTORS HAS BEEN ESPECIALLY DESIGNED FOR THE ABSORPTION OF TRANSIENT VOLTAGE SPIKES AND PROTECTION OF VALUABLE SEMI-CONDUCTOR COMPONENTS. THESE VARISTORS ARE OFFERED IN THREE SIZES IN DIAMETERS RANGING FROM 9mm(.354") TO 24mm(.945") AND IN VOLTAGES FROM 48 Vrms THROUGH 510 Vrms. RADIAL LEAD CONSTRUCTION FEATURES POLYCRYSTALLINE ZINC OXIDE DIELECTRIC.

### FEATURES

- SUPERIOR RESPONSE TIME OF LESS THAN 25 ns
- HIGH PERMISSIBLE PEAK CURRENT, UP TO 6500 A
- MAXIMUM CLAMPING VOLTAGE UP TO 1350 V
- SUPERIOR CLAMPING CHARACTERISTICS
- THREE DIFFERENT CASE SIZES
- VOLTAGE RANGE FROM 48 THROUGH 510 Vrms
- POLYCRYSTALLINE ZINC OXIDE DIELECTRIC
- STANDARDIZED LEAD SPACINGS

### APPLICATIONS

- TRANSIENT SUPPRESSION IN AUTOMOTIVE ENVIRONMENTS (SUCH AS IGNITION PULSES, ALTERNATOR FIELD DECAY, MUTUAL HARNESS COUPLING, INDUCTIVE LOAD SWITCHING - FAN, HEATER - AND BOOSTER STARTS)
- CONSUMER APPLIANCES CONNECTED TO 110 OR 220 VAC LINES
- PROTECTION OF EXPENSIVE SEMI-CONDUCTOR COMPONENTS
- PROTECTION OF INDUSTRIAL EQUIPMENT AND MOTORS ENDANGERED BY AC LINE TRANSIENTS (COMPUTERS, TRAFFIC CONTROLS, GROUND FAULT INTERRUPTERS, ETC.)
- PROTECTION OF EQUIPMENT CONNECTED TO TELEPHONE OR SIGNAL LINES, SUCH AS RAILROAD AND COMMUNICATIONS EQUIPMENT, SECURITY AND FIRE ALARM SYSTEMS
- VOLTAGE REGULATION AND ARC SUPPRESSION ACROSS RELAY CONTACTS
- ADDITIONAL USES ARE FOUND IN INSTRUMENTATION TO PROTECT INPUT TERMINALS FROM ENCOUNTERING DESTRUCTIVE HIGH VOLTAGES

### DIMENSIONS

SIZE	D MAX (IN)	H MAX (IN)	LEAD DIA. (IN)	LEAD SPACING (IN)	T MAX (IN)
A (9mm)	.354	.472	.024	.200	.177
C (17mm)	.669	.787	.031	.300	.197
D (24mm)	.945	1.060	.031	.300	.197

### SPECIFICATIONS

STOCK NO.	MAX. OPERATING VOLTAGE	MAX. CLAMPING VOLTAGE FOR LP 8 x 20 μs		ENERGY (Joules)		PERMISSIBLE PEAK CURRENT (Amperes)						TYPICAL AVERAGE CAPACITANCE (pF)	POWER (W)
				10 x 1000 μs		8 x 20 μs							
		(Vrms)	(Vc)	Ip(A)	1 surge	10 surges	1 surge	10 surges	10 <sup>2</sup> surges	10 <sup>3</sup> surges	10 <sup>4</sup> surges		
581-VZA048XX	48	135	5	3	1.2	800	175	125	75	40	480	0.2	
581-VZA075XX	75	200	10	5	1.5	800	175	125	75	40	400	0.2	
581-VZA130XX	130	340	10	8	3	1000	175	125	75	40	250	0.2	
581-VZA150XX	150	400	10	10	3	1000	175	125	75	40	220	0.2	
581-VZA250XX	250	645	10	17	6	1200	175	125	75	40	130	0.2	
581-VZA275XX	275	710	10	18	6	1200	175	125	75	40	120	0.2	
581-VZC130XX	130	340	50	30	23	4000	700	500	300	150	1000	0.6	
581-VZC150XX	150	400	50	35	23	4000	700	500	300	150	850	0.6	
581-VZC250XX	250	645	50	55	30	4500	700	500	300	150	500	0.6	
581-VZC275XX	275	710	50	57	30	4500	700	500	300	150	450	0.6	
581-VZD130XX	130	340	100	50	38	6000	1400	1000	400	200	2500	0.8	
581-VZD150XX	150	400	100	60	42	6000	1400	1000	400	200	2000	0.8	
581-VZD275XX	275	710	100	100	75	6500	1400	1000	400	200	1200	0.8	
581-VZD510XX	510	1350	100	190	140	6500	1400	1000	400	200	550	0.8	

STOCK NO.	SIZE	PRICE EACH			
		1	100	500	1000
581-VZA048XX	A	.31	.24	.20	
581-VZA075XX	A	.32	.24	.20	
581-VZA130XX	A	.36	.279	.234	
581-VZA150XX	A	.29	.22	.19	
581-VZA250XX	A	.42	.325	.273	
581-VZA275XX	A	.32	.24	.20	
581-VZC130XX	C	.72	.558	.468	
581-VZC150XX	C	.72	.558	.468	
581-VZC250XX	C	.70	.53	.45	
581-VZC275XX	C	.71	.54	.45	
581-VZD130XX	D	1.24	.94	.79	
581-VZD150XX	D	1.20	.93	.78	
581-VZD275XX	D	1.49	1.13	.95	
581-VZD510XX	D	1.79	1.36	1.14	



# MOUSER® Polyester Capacitors

## POLYESTER FILM (MYLAR) CAPACITORS

- HIGH STABILITY AND RELIABILITY.
- CONSTRUCTED WITH POLYESTER DIELECTRIC FILM FOR FAST DISCHARGE AND LOW LEAKAGE.
- THESE CAPACITORS OFFER MANY DESIRABLE FEATURES.
- DIPPED EPOXY RESIN COATING PROMOTES EXCELLENT ENVIRONMENTAL PERFORMANCE.

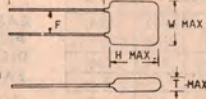
### SPECIFICATIONS

- RATED TEMP. RANGE: -40°C TO +85°C
- WITHSTANDING VOLTAGE: WORKING VOLTS X 2.5
- INSULATION RESISTANCE: NOT LESS THAN 10,000M (AT 20°C, 1KHz)
- DIELECTRIC DISSIPATION FACTOR: MAX. 1.0% (AT 1KHz, 25°C)
- SPOT WELDED LEADS
- MINIATURE SIZE



DIMENSIONS FOR:

"H" (HEIGHT)  
"W" (WIDTH)  
"T" (THICKNESS)  
"F" (LEAD SPACING)  
ARE SHOWN BELOW



### DIMENSIONS (INCHES)

CAPACITANCE (MFD)	W	H	T	F
<b>1 PERCENT 100 VOLT</b>				
.001, .0022	.28	.43	.11	.138
.0047	.22	.45	.18	.138
.01	.31	.43	.22	.138
.022	.37	.53	.26	.20
.047	.42	.53	.25	.30
.1	.57	.75	.35	.40
<b>5 AND 10 PERCENT 50 AND 100 VOLT</b>				
.001, .0015	.22	.47	.12	.10
.002, .0022	.22	.47	.12	.10
.003, .0033	.22	.47	.12	.14
.0047, .005	.22	.47	.12	.14
.01	.24	.47	.14	.14
.015	.26	.47	.14	.14
.02, .022	.28	.47	.16	.14
.03, .033	.33	.47	.18	.20
.047, .05	.37	.53	.20	.20
.068	.44	.53	.21	.30
.1	.49	.59	.28	.30
.15	.63	.75	.30	.39
.2, .22	.70	.75	.31	.39
.33	.75	.91	.31	.47
.47	.79	.91	.35	.51
.5	.70	.94	.47	.47
.68	.74	1.14	.47	.47
<b>200 VOLT</b>				
.001, .0022	.22	.51	.12	.14
.0047	.26	.51	.16	.14
.01	.31	.51	.16	.14
.022	.39	.51	.20	.20
.05	.49	.57	.24	.30
.1	.57	.79	.29	.39
.15	.71	.79	.37	.49
.2, .22	.74	.79	.44	.49
<b>400 VOLT</b>				
.001	.28	.55	.16	.14
.0022	.28	.55	.16	.20
.0047	.31	.55	.18	.20
.01	.42	.55	.22	.30
.02, .022	.49	.55	.30	.30
.05	.49	.81	.31	.30
.1	.63	.81	.42	.39

STOCK NO.	MFD VALUE	1	100	500	1000
<b>1 PERCENT 100 VOLT</b>					
23PF210	.001	.23	.18	.16	CALL FOR QUOTE
23PF222	.0022	.23	.18	.16	CALL FOR QUOTE
23PF247	.0047	.23	.18	.16	CALL FOR QUOTE
23PF310	.01	.23	.18	.16	CALL FOR QUOTE
23PF322	.022	.24	.19	.17	CALL FOR QUOTE
23PF347	.047	.32	.25	.23	CALL FOR QUOTE
23PF410	.1	.49	.38	.35	CALL FOR QUOTE
<b>5 PERCENT 100 VOLT</b>					
23BJ210	.001	.10	.07	.061	CALL FOR QUOTE
23BJ222	.0022	.10	.07	.061	CALL FOR QUOTE
23BJ233	.0033	.10	.07	.061	CALL FOR QUOTE
23BJ247	.0047	.10	.07	.061	CALL FOR QUOTE
23BJ250	.005	.10	.07	.061	CALL FOR QUOTE
23BJ310	.01	.10	.07	.061	CALL FOR QUOTE
23BJ322	.022	.12	.09	.085	CALL FOR QUOTE
23BJ333	.033	.14	.12	.092	CALL FOR QUOTE
23BJ347	.047	.15	.11	.099	CALL FOR QUOTE
23BJ350	.05	.15	.11	.099	CALL FOR QUOTE
23BJ410	.1	.22	.16	.147	CALL FOR QUOTE
23BJ422	.22	.34	.25	.22	CALL FOR QUOTE
23BJ447	.47	.59	.42	.374	CALL FOR QUOTE
<b>10 PERCENT 50 VOLT</b>					
23AK210	.001	.07	.05	.042	CALL FOR QUOTE
23AK250	.005	.07	.05	.042	CALL FOR QUOTE
23AK310	.01	.07	.05	.045	CALL FOR QUOTE
23AK320	.02	.08	.06	.058	CALL FOR QUOTE
23AK330	.03	.09	.07	.061	CALL FOR QUOTE
23AK347	.047	.11	.08	.068	CALL FOR QUOTE
23AK350	.05	.11	.08	.068	CALL FOR QUOTE
23AK410	.1	.15	.11	.102	CALL FOR QUOTE
23AK420	.20	.23	.17	.144	CALL FOR QUOTE
23AK422	.22	.23	.18	.154	CALL FOR QUOTE
23AK433	.33	.31	.23	.198	CALL FOR QUOTE

STOCK NO.	MFD VALUE	1	100	500	1000
<b>10 PERCENT 100 VOLT</b>					
23BK210	.001	.08	.05	.046	CALL FOR QUOTE
23BK215	.0015	.08	.05	.046	CALL FOR QUOTE
23BK220	.002	.08	.05	.046	CALL FOR QUOTE
23BK222	.0022	.08	.05	.046	CALL FOR QUOTE
23BK230	.003	.08	.05	.046	CALL FOR QUOTE
23BK233	.0033	.08	.05	.046	CALL FOR QUOTE
23BK247	.0047	.08	.05	.046	CALL FOR QUOTE
23BK250	.005	.08	.05	.046	CALL FOR QUOTE
23BK310	.01	.08	.05	.046	CALL FOR QUOTE
23BK315	.015	.08	.05	.046	CALL FOR QUOTE
23BK320	.02	.09	.07	.065	CALL FOR QUOTE
23BK322	.022	.09	.07	.065	CALL FOR QUOTE
23BK330	.03	.10	.08	.067	CALL FOR QUOTE
23BK333	.033	.11	.08	.069	CALL FOR QUOTE
23BK347	.047	.12	.09	.076	CALL FOR QUOTE
23BK350	.05	.12	.09	.076	CALL FOR QUOTE
23BK368	.068	.13	.10	.094	CALL FOR QUOTE
23BK410	.1	.17	.13	.113	CALL FOR QUOTE
23BK415	.15	.23	.16	.142	CALL FOR QUOTE
23BK420	.20	.25	.18	.163	CALL FOR QUOTE
23BK422	.22	.26	.19	.171	CALL FOR QUOTE
23BK433	.33	.34	.25	.22	CALL FOR QUOTE
23BK447	.47	.50	.35	.308	CALL FOR QUOTE
23BK450	.5	.65	.35	.308	CALL FOR QUOTE
23BK468	.68	.73	.35	.308	CALL FOR QUOTE
<b>10 PERCENT 200 VOLT</b>					
23CK210	.001	.19	.068	.058	CALL FOR QUOTE
23CK222	.0022	.19	.068	.058	CALL FOR QUOTE
23CK247	.0047	.19	.068	.058	CALL FOR QUOTE
23CK310	.01	.19	.068	.065	CALL FOR QUOTE
23CK322	.022	.21	.074	.071	CALL FOR QUOTE
23CK350	.05	.27	.098	.09	CALL FOR QUOTE
23CK410	.1	.36	.141	.138	CALL FOR QUOTE
23CK415	.15	.45	.18	.174	CALL FOR QUOTE
23CK420	.2	.50	.22	.215	CALL FOR QUOTE
23CK422	.22	.50	.22	.215	CALL FOR QUOTE
<b>10 PERCENT 400 VOLT</b>					
23DK210	.001	.25	.09	.08	CALL FOR QUOTE
23DK222	.0022	.25	.09	.08	CALL FOR QUOTE
23DK247	.0047	.25	.09	.08	CALL FOR QUOTE
23DK310	.01	.26	.095	.09	CALL FOR QUOTE
23DK320	.02	.28	.095	.09	CALL FOR QUOTE
23DK322	.022	.28	.095	.09	CALL FOR QUOTE
23DK350	.05	.35	.15	.14	CALL FOR QUOTE
23DK410	.1	.52	.25	.24	CALL FOR QUOTE

## POLYESTER FILM CAPACITOR KITS

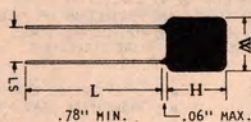
### DELUXE LAB KIT

CONTAINS 10 EACH OF 16 10%, 100V MYLARS. TOTAL 160 PIECES.

STOCK NO. 37-23BK-2 21.95 EA.

## MOUSER® SUB-MINIATURE

### MYLAR CAPACITORS



### SPECIFICATIONS

- TOLERANCE:  $\pm 10\%$
- MINI SIZE
- HI-RELIABILITY
- WIDE OPERATING TEMP. RANGE: -40°C TO +85°C
- TEMP. STABILITY:  $\pm 5\%$  CAPACITANCE CHANGE @ +85°C  
 $\pm 5\%$  CAPACITANCE CHANGE @ -40°C
- DISSIPATION FACTOR:  $1\%$  MAX. (1KHZ)
- WORKING VOLTAGE: 100V

STOCK NO.	CAPACITANCE	W	T	H	LS	1	100	500	1000
ME234-2A102K	0.001uF	.21	.11	.34	.14	.12	.07	.053	CALL FOR QUOTE
ME234-2A202K	0.002	.20	.10	.34	.14	.12	.07	.053	CALL FOR QUOTE
ME234-2A222K	0.0022	.20	.10	.34	.14	.12	.07	.053	CALL FOR QUOTE
ME234-2A332K	0.0033	.20	.10	.34	.14	.12	.07	.053	CALL FOR QUOTE
ME234-2A472K	0.0047	.20	.10	.34	.14	.12	.07	.053	CALL FOR QUOTE
ME234-2A502K	0.005	.20	.10	.34	.14	.12	.07	.053	CALL FOR QUOTE
ME234-2A103K	0.01	.22	.12	.38	.14	.13	.08	.063	CALL FOR QUOTE
ME234-2A203K	0.02	.24	.14	.40	.14	.14	.09	.07	CALL FOR QUOTE
ME234-2A223K	0.022	.24	.14	.40	.14	.14	.09	.07	CALL FOR QUOTE
ME234-2A333K	0.033	.28	.16	.40	.20	.15	.10	.076	CALL FOR QUOTE
ME234-2A473K	0.047	.32	.18	.40	.20	.17	.11	.091	CALL FOR QUOTE
ME234-2A503K	0.05	.33	.19	.40	.20	.20	.12	.098	CALL FOR QUOTE
ME234-2A104K	0.1	.40	.22	.42	.30	.26	.16	.133	CALL FOR QUOTE
ME234-2A224K	0.22	.51	.26	.53	.40	.36	.22	.189	CALL FOR QUOTE
ME234-2A474K	0.47	.63	.32	.67	.43	.63	.39	.356	CALL FOR QUOTE

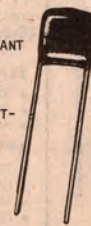
## MOUSER® NON-INDUCTIVE

### POLYESTER CAPACITORS

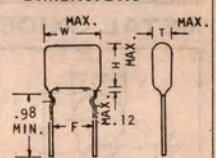
CONSTRUCTED OF POLYESTER DIELECTRIC FILM WITH COPPERPLY LEADS AND MOISTURE-RESISTANT EPOXY RESIN COATING.

NON-INDUCTIVE CONSTRUCTION MINIMIZES THE DISSIPATION FACTOR. ELECTRODES AND LEADS ARE SPOT WELDED TO MINIMIZE SERIES RESISTANCE.

- NOISELESS IN SMALL SIZE CIRCUITS
- HIGH STABILITY AND RELIABILITY
- OPERATING TEMP. -40°C TO +85°C.
- IDEAL FOR COMMERCIAL AND INDUSTRIAL USE.



### DIMENSIONS INCHES



### DIMENSIONS:

"H" (HEIGHT)  
"W" (WIDTH)  
"T" (THICKNESS)  
"F" (LEAD SPACING)  
SHOWN IN TABLE BELOW

STOCK NO.	VALUE MFD	W	H	T	F	1	100	500	1000
<b>10 PERCENT 100 VOLT</b>									
23AB210	.001	.35	.35	.20	.26	.11	.07	.06	CALL FOR QUOTE
23AB220	.002	.35	.35	.20	.26	.12	.08	.07	CALL FOR QUOTE
23AB222	.0022	.35	.35	.20	.26	.12	.08	.07	CALL FOR QUOTE
23AB233	.0033	.35	.35	.20	.26	.12	.08	.07	CALL FOR QUOTE
23AB247	.0047	.35	.35	.20	.26	.13	.09	.07	CALL FOR QUOTE
23AB250	.005	.35	.35	.20	.26	.13	.09	.07	CALL FOR QUOTE
23AB310	.01	.35	.35	.20	.26	.14	.10	.07	CALL FOR QUOTE
23AB320	.02	.43	.43	.24	.26	.15	.10	.09	CALL FOR QUOTE
23AB322	.022	.43	.43	.24	.33	.15	.10	.09	CALL FOR QUOTE
23AB333	.033	.57	.47	.26	.43	.17	.11	.10	CALL FOR QUOTE
23AB347	.047	.57	.51	.28	.43	.18	.12	.11	CALL FOR QUOTE
23AB350	.05	.57	.55	.30	.43	.18	.12	.11	CALL FOR QUOTE
23AB368	.068	.57	.55	.30	.43	.20	.14	.12	CALL FOR QUOTE
23AB410	.1	.59	.59	.31	.43	.21	.14	.12	CALL FOR QUOTE
23AB422	.22	.79	.71	.37	.65	.33	.23	.19	CALL FOR QUOTE
23AB433	.33	.79	.79	.43	.65	.39	.26	.22	CALL FOR QUOTE
23AB447	.47	.79	.83	.47	.67	.43	.32	.28	CALL FOR QUOTE



# MOUSER® Polystyrene Film Capacitors



**5% 50 Volt**

MINIMUM ORDER 2 PIECES

STOCK NO.	VALUE pF.	CASE SIZE	PRICE EACH			
			2	100	500	1000
23PS110	100	A	.17	.10	.09	CALL
23PS112	120	A	.17	.10	.09	FOR
23PS115	150	B	.17	.10	.09	QUOTE
23PS118	180	B	.17	.10	.09	
23PS122	220	C	.17	.10	.09	
23PS127	270	C	.17	.10	.09	
23PS133	330	C	.17	.10	.09	
23PS139	390	D	.17	.10	.09	
23PS147	470	D	.17	.10	.09	
23PS156	560	D	.17	.10	.09	
23PS168	680	E	.17	.10	.09	
23PS182	820	E	.17	.10	.09	

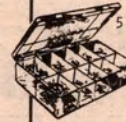
## SPECIFICATIONS

- OPERATING TEMPERATURE RANGE:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- STANDARD CAPACITANCE TOLERANCE: K:  $\pm 5\%$
- INSULATION RESISTANCE (AT  $25^{\circ}\text{C}$ ):  $100,000\text{M}/\text{MIN.}$
- DISSIPATION FACTOR (AT  $100\text{KHz}$ ):  $C \geq 330\text{PF}$   $\text{DF} < 0.1\%$   
 $C \leq 330\text{PF}$   $Q > 1000$   
 $N150 \pm 50\text{ppm}/^{\circ}\text{C}$
- TEMPERATURE COEFFICIENT:  $\pm 5\%$  TOLERANCE
- HIGH RELIABILITY AND STABILITY
- EXCELLENT ELECTRICAL CHARACTERISTICS
- LOW TEMPERATURE COEFFICIENTS
- SMALL DISSIPATION FACTOR

COMPRISED OF POLYSTYRENE DIELECTRIC MATERIAL FUSED TO FOIL, THESE CAPACITORS ARE HIGHLY RESISTANT TO HUMIDITY AND PROVIDE EXCELLENT CAPACITANCE STABILITY.

## PROTOTYPE KITS

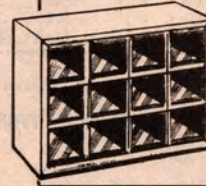
### ECONOMY KIT



5 EACH OF THE 10 MOST POPULAR ITEMS FROM THE 23PS110 TO 23PS310 RANGE. TOTAL OF 50 PIECES IN TRANSPARENT DIVIDER BOX.

STOCK# 37-23PS-1 \$4.95 EACH

### DELUXE KIT



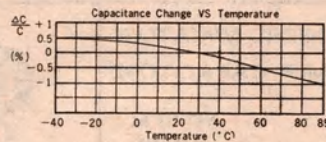
10 EACH OF THE 16 MOST POPULAR ITEMS FROM THE 23PS110 TO 23PS310 RANGE. TOTAL OF 160 PIECES IN A STURDY REUSABLE CABINET.

STOCK# 37-23PS-2 \$15.95 EACH

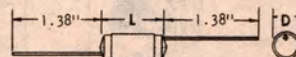
★ WRITE, PHONE OR TWX  
FOR O. E. M. QUANTITY PRICES

STOCK NO.	VALUE MFD	CASE SIZE	PRICE EACH			
			2	100	500	1000
23PS210	.0010	E	.17	.10	.09	CALL
23PS212	.0012	E	.19	.11	.10	FOR
23PS215	.0015	E	.19	.11	.10	QUOTE
23PS218	.0018	F	.19	.11	.10	
23PS220	.0020	F	.19	.11	.10	
23PS222	.0022	F	.19	.11	.10	
23PS227	.0027	G	.20	.11	.10	
23PS233	.0033	G	.20	.11	.10	
23PS239	.0039	G	.20	.11	.10	
23PS247	.0047	H	.20	.11	.10	
23PS250	.0050	H	.22	.13	.12	
23PS268	.0068	I	.22	.13	.12	
23PS282	.0082	J	.22	.13	.12	
23PS310	.0100	K	.24	.14	.13	

CASE CODE	LGTH. x DIA.
A	.43 x .16
B	.43 x .17
C	.43 x .18
D	.43 x .19
E	.43 x .20
F	.43 x .22
G	.43 x .24
H	.55 x .26
I	.55 x .28
J	.55 x .30
K	.55 x .32



## CASE DIMENSIONS (Inches)



## POLYSTYRENE FILM CAPACITORS

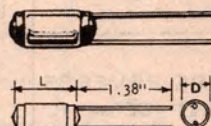
**5% 50 Volt**

## RADIAL LEADS

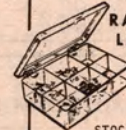
## CASE DIMENSIONS (INCHES)

STOCK NO.	VALUE MFD	CASE SIZE	PRICE EACH			
			2	100	500	1000
23PW156	.00056	G	.17	.10	.09	CALL
23PW210	.00100	A	.20	.10	.09	FOR
23PW220	.00200	B	.22	.11	.10	QUOTE
23PW222	.00220	B	.22	.11	.10	
23PW233	.00330	C	.23	.13	.11	
23PW247	.00470	D	.23	.13	.11	
23PW250	.00500	E	.23	.13	.11	
23PW310	.01000	F	.24	.15	.13	

CASE CODE	LGTH. x DIA.
A	.43 x .20
B	.43 x .22
C	.43 x .24
D	.55 x .26
E	.55 x .28
F	.55 x .30
G	.43 x .15



## PROTOTYPE KIT



RADIAL LEADS  
CONTAINS 5 EACH OF THE 5 MOST POPULAR 23PW SERIES CAPACITORS. TOTAL OF 25 PIECES IN A TRANSPARENT DIVIDER BOX.

STOCK# 37-23PW-1 \$3.95 EACH

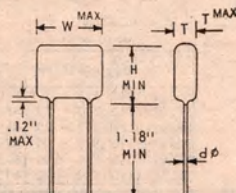
## MOUSER® POLYPROPYLENE CAPACITORS

CONSTRUCTED WITH POLYPROPYLENE FILM DIELECTRIC IN A NON INDUCTIVE FORM. THEY FEATURE LOW DISSIPATION FACTOR AND HIGH INSULATION RESISTANCE. FIRE RETARDANT COATING, WELDED LEADS.

## SPECIFICATIONS

- OPERATING TEMP:  $-40^{\circ}$  to  $+85^{\circ}\text{C}$
- TEST VOLTAGE: WVDC x 2.0
- INSULATION RESISTANCE: 30,000 MEGOHMS

STOCK NO.	MFD. VALUE	WVDC	DIMENSIONS (IN)			PRICE EACH			
			W	H	T	1	100	500	1000
10%									
23PP210	.0010	630	.43	.24	.12	.19	.14	.13	CALL
23PP215	.0015	630	.48	.32	.22	.19	.14	.13	FOR
23PP222	.0022	630	.45	.32	.18	.19	.14	.13	QUOTE
23PP233	.0033	400	.38	.39	.27	.20	.14	.12	
23PP247	.0047	400	.47	.39	.20	.20	.14	.12	
23PP268	.0068	400	.47	.32	.20	.21	.14	.12	
23PP310	.0100	400	.52	.39	.29	.25	.18	.15	
23PP315	.0150	250	.52	.39	.26	.19	.13	.11	
23PP322	.0220	250	.71	.39	.26	.20	.14	.12	
23PP333	.0330	250	.81	.39	.26	.21	.14	.12	
23PP347	.0470	250	.67	.49	.27	.23	.16	.13	
23PP368	.0680	200	.78	.52	.33	.28	.19	.15	
23PP410	.1000	250	.75	.59	.36	.30	.20	.17	
23PP415	.1500	250	.90	.63	.39	.36	.26	.22	
23PP422	.2200	250	1.00	.62	.39	.47	.32	.27	
23PP433	.3300	250	1.13	.80	.43	.60	.41	.34	
23PP447	.4700	250	1.12	.98	.53	.70	.49	.41	
5%									
23PQ310	.0100	400	.47	.43	.21	.26	.19	.16	CALL
23PQ410	.1000	250	.88	.55	.28	.36	.24	.20	FOR
23PQ447	.4700	250	1.14	.95	.51	.84	.58	.49	QUOTE



## MOUSER® PRECISION CAPACITORS POLYESTER FILM

**1% 100 Volt**

IDEAL FOR VARIOUS COMMERCIAL APPLICATIONS, SUCH AS TV, RADIO, TAPE-RECORDERS AND STEREO EQUIPMENT, TO SERVE AS BY-PASS, COUPLING, AND FILTERING CIRCUITS.

## SPECIFICATIONS

- RATING TEMP:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- WITHSTANDING VOLTS: WORKING VOLTS x 2.5
- INSULATION RESISTANCE: NOT LESS THAN 30,000 Ohms @ 1KHz,  $20^{\circ}\text{C}$
- HIGH STABILITY AND RELIABILITY
- CONSTRUCTED WITH PLASTIC DIELECTRIC FILM FOR FAST DISCHARGE AND LOW LEAKAGE
- THESE CAPACITORS OFFER MANY DESIRABLE FEATURES
- DIPPED EPOXY RESIN COATING PROMOTES EXCELLENT ENVIRONMENTAL PERFORMANCE.

DIMENSIONS FOR:  
H - HEIGHT  
W - WIDTH  
T - THICKNESS  
F - LEAD SPACING  
IN THE TABLE.

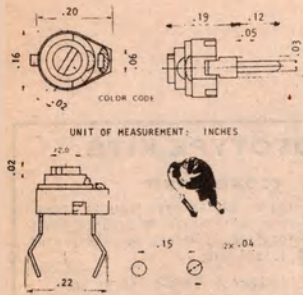
STOCK NO.	VALUE MFD	DIMENSIONS (IN)				PRICE EACH			
		H	W	T	F	1	100	500	1000
23PF210	.0010	.43	.28	.11	.138	.23	.18	.16	CALL
23PF222	.0022	.43	.28	.11	.138	.23	.18	.16	FOR
23PF247	.0047	.45	.22	.18	.138	.23	.18	.16	QUOTE
23PF310	.0100	.43	.31	.22	.157	.23	.18	.16	
23PF322	.0220	.53	.37	.26	.200	.24	.19	.17	
23PF347	.0470	.53	.42	.25	.300	.32	.25	.23	
23PF410	.1000	.75	.57	.35	.400	.49	.38	.35	

QUANTITY DISCOUNTS ON ALL ITEMS - CALL



# MOUSER® Rotary Ceramic Trimmer Capacitors

## MOUSER® 4mm SUPER MINIATURE



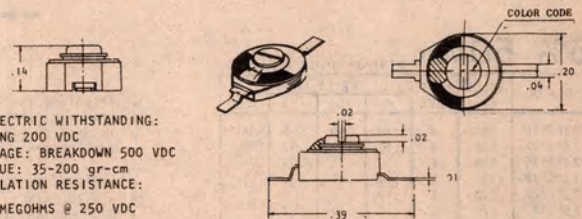
FOR EXCELLENT ULTRA-HIGH-FREQUENCY (UHF) CHARACTERISTICS, THESE UNITS USE ONLY AN ALUMINUM-CERAMIC STATOR. EXCELLENT HEAT, COLD, AND HUMIDITY RESISTANCE ACCOUNT FOR THE LONG LIFE AND STABLE PERFORMANCE OF THESE TRIMMERS.

### SPECIFICATIONS

- INSULATION RESISTANCE:  $>10^4$  M OHMS AT 50 VDC
- WITHSTANDING VOLTAGE: 110 VDC
- WORKING VOLTAGE: 50 VDC
- ROTATION TORQUE: 20 TO 150 gr-cm
- OPERATING TEMP. RANGE:  $-30^\circ\text{C}$  TO  $+85^\circ\text{C}$

STOCK NO.	RANGE pF	TEMP COEFF	Q FACTOR	COLOR	PRICE EACH			
					1	10	100	500
ME242-1810	1.8 - 10.0	N550 $\pm$ 300	$>300$	NONE	.99	.89	.79	CALL FOR QUOTE
ME242-2820	2.8 - 20.0	N550 $\pm$ 300	$>300$	BLUE	.99	.89	.79	FOR QUOTE
ME242-4030	4.0 - 30.0	N1200 $\pm$ 500	$>200$	YELLOW	.99	.89	.79	QUOTE

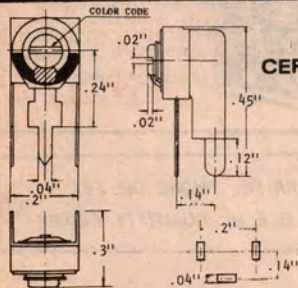
## 5mm SURFACE MOUNTING



- DIELECTRIC WITHSTANDING: RATING 200 VDC
- VOLTAGE: BREAKDOWN 500 VDC
- TORQUE: 35-200 gr-cm
- INSULATION RESISTANCE:  $10^4$  MEGOHMS @ 250 VDC

STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP COEF PPM/°C	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA070	1.8-6.0	300	NPO $\pm$ 250	RED	.75	.68	.54	CALL FOR QUOTE
24AA071	2.8-12.5	300	NPO $\pm$ 300	NONE	.75	.68	.54	FOR QUOTE
24AA072	3.5-20	300	NPO $\pm$ 300	BLUE	.75	.68	.54	QUOTE
24AA073	5.0-30	200	NPO $\pm$ 200	YELLOW	.75	.68	.54	
24AA074	9.0-50	200	NPO $\pm$ 200	GREEN	.78	.68	.54	

## 5mm MICRO-MINIATURE CERAMIC TRIMMER CAPACITORS

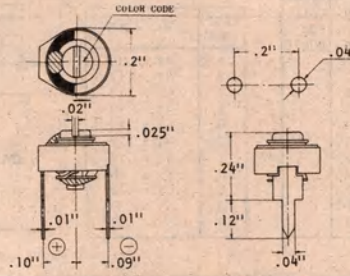


- DIELECTRIC WITHSTANDING: Rating 250 VDC
- VOLTAGE: Breakdown 500 VDC
- TORQUE: 35-200 gr-cm
- INSULATION RESISTANCE:  $>10^4$  M $\Omega$  @ 250 VDC



STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP. COEFF.	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA080	1.8 - 6	300	NPO $\pm$ 250	RED	.80	.68	.59	CALL FOR QUOTE
24AA081	2.8 - 12.5	300	N600 $\pm$ 300	NONE	.80	.68	.59	FOR QUOTE
24AA082	3.5 - 20	300	N750 $\pm$ 300	BLUE	.83	.68	.59	QUOTE
24AA083	5.0 - 30	200	N1500 $\pm$ 500	YELLOW	.83	.68	.59	
24AA084	9.0 - 50	200	N1500 $\pm$ 500	GREEN	.86	.68	.60	

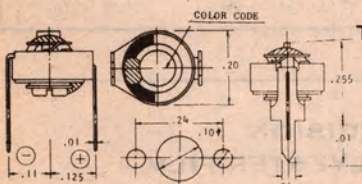
## 5mm MICRO-MINIATURE



- DIELECTRIC WITHSTANDING: RATING 200 VDC
- VOLTAGE: BREAKDOWN 400 VDC
- TORQUE: 35-200 gr-cm
- INSULATION RESISTANCE:  $>10^4$  MEGOHMS @ 250 VDC

STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP. COEFF.	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA020	1.8 - 6	300	NPO(+200)	RED	.75	.68	.54	CALL FOR QUOTE
24AA021	2.8 - 12.5	300	N(100-600)	NONE	.75	.68	.54	FOR QUOTE
24AA022	3.5 - 20.0	300	N(200-800)	BLUE	.75	.68	.54	QUOTE
24AA023	5.0 - 30	200	N(1000-2000)	YELLOW	.75	.68	.54	
24AA024	9.0 - 50.0	200	N(1500+500)	GREEN	.75	.68	.54	

## 5MM MICRO-MINIATURE REVERSE PC MOUNT CERAMIC TRIMMER CAPACITORS



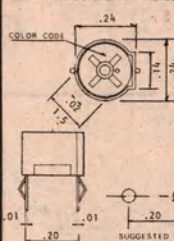
### SPECIFICATIONS

- RATED VOLTAGE: 250 VDC
- BREAKDOWN VOLTAGE: 500VDC
- TORQUE: 40-400 gr-cm
- INSULATION RESISTANCE:  $10^4$  MEGOHMS @ 250VDC

STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP COEF	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA091	2.8-12.5	300	N600 $\pm$ 300	NONE	.80	.68	.56	CALL FOR QUOTE
24AA092	3.5-20	300	N750 $\pm$ 300	BLUE	.80	.68	.56	QUOTE

## 6mm FLUX-PREVENTIVE SNAP-IN

UNIT OF MEASUREMENT: INCHES

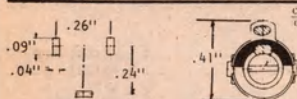


A NEW EASIER TO USE SNAP-IN TYPE CERAMIC CAPACITOR OF FLUX-PREVENTIVE DESIGN, FEATURING STABLE CAPACITANCE DEVELOPED THROUGH YEARS OF CLINCH STRUCTURE DESIGN.

- INSULATION RESISTANCE:  $>10^4$  M OHMS AT 100 VDC
- WITHSTANDING VOLTAGE: 220 VDC
- WORKING VOLTAGE: 100 VDC
- ROTATION TORQUE: 20-150 gr-cm
- OPERATING TEMP. RANGE:  $-30^\circ\text{C}$  TO  $+85^\circ\text{C}$

STOCK NO.	RANGE pF	TEMP COEFF	Q FACTOR	COLOR	PRICE EACH			
					1	10	100	500
ME242-1530	1.5 - 3.0	NPO $\pm$ 200	$>300$	BLACK	.59	.45	.41	CALL FOR QUOTE
ME242-2710	2.7 - 10	NPO $\pm$ 200	$>300$	WHITE	.59	.45	.41	FOR QUOTE
ME242-4220	4.2 - 20	N450 $\pm$ 300	$>300$	RED	.59	.45	.41	QUOTE
ME242-5530	5.5 - 30	N750 $\pm$ 300	$>200$	GREEN	.64	.49	.45	
ME242-8050	8.0 - 50	N1200 $\pm$ 600	$>200$	ORANGE	.68	.52	.47	
ME242-1270	12.0 - 70	N1500 $\pm$ 600	$>200$ 1 MHZ	GRAY	.69	.53	.48	

## 7mm ULTRA-MINIATURE

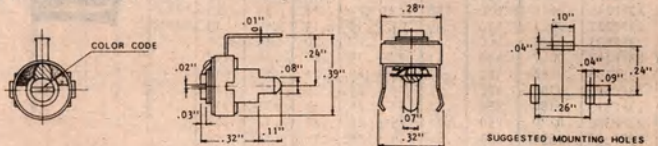


- DIELECTRIC WITHSTANDING: RATING 225 VDC
- VOLTAGE: BREAKDOWN 500 VDC
- TORQUE: 40-400 gr-cm
- INSULATION RESISTANCE:  $>10^4$  MEGOHMS @ 250 VDC

STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP COEFF	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA060	2.0-8	300	NPO $\pm$ 200	RED	.80	.73	.64	CALL FOR QUOTE
24AA061	2.0-12	300	NPO $\pm$ 200	NONE	.80	.73	.64	FOR QUOTE
24AA064	5.0-45	200	N1400 $\pm$ 800	BROWN	.80	.73	.64	QUOTE
24AA065	5.0-55	200	N1400 $\pm$ 800	GREEN	.80	.73	.64	
24AA066	6.0-70	200	N1400 $\pm$ 800	NONE	.80	.73	.64	

## 7mm ULTRA-MINIATURE

- INSULATION RESISTANCE:  $10^4$  M $\Omega$  AT 250 VDC
- WITHSTAND VOLTAGE: 500 VDC
- WORKING VOLTAGE: 225 VDC
- ROTATION TORQUE: 40 TO 400 GR - CM
- OPERATING TEMPERATURE:  $-30^\circ\text{C}$  TO  $+85^\circ\text{C}$



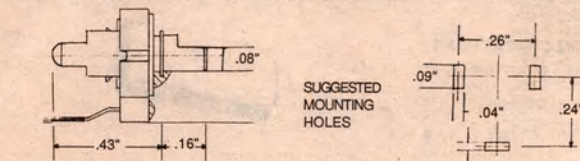
STOCK NO.	RANGE pF	Q @ 10 MHZ	TEMP COEF PPM / °C	COLOR CODE	PRICE EACH			
					1	10	100	500
ME242-3610-12	2.0-12.0	$>300$	NPO $\pm$ 200	NONE	.80	.73	.64	CALL FOR QUOTE
ME242-3610-23	2.8-23.0	$>300$	N450 $\pm$ 200	BLU	.80	.73	.64	FOR QUOTE
ME242-3610-45	7.0-45.0	$>200$	N1400 $\pm$ 800	BRN	.80	.73	.64	QUOTE
ME242-3610-55	7.0-55.0	$>200$	N1400 $\pm$ 800	GRN	.80	.73	.64	
ME242-3610-70	7.0-70.0	$>200$	N1400 $\pm$ 800	GRY	.80	.73	.64	
ME242-3610-100	12.0-100.0	200/1MHZ	N1400 $\pm$ 800	BLK	.80	.73	.64	



# MOUSER Trimmer Capacitors

## 7MM SUB-MINIATURE ROTARY CERAMIC TRIMMER CAPACITORS

NEW SHAFT ADJUSTMENT POSTS MAKE THESE CERAMIC TRIMMERS IDEAL FOR SITUATIONS REQUIRING KNOB MOUNTING OR "QUALIFIED SERVICE ONLY" ADJUSTMENTS. QUICK MOUNTING PC TERMINALS ALLOW FOR INSTANTANEOUS INSTALLATION AND COLOR-CODING ALLOWS FOR EASY IDENTIFICATION.

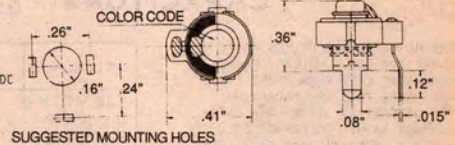


STOCK NO.	RANGE pF	COLOR	Q @ 10MHZ	TEMP COEFF PPM/°C	PRICE EACH			
					1	10	100	500
ME242-3410-34	4.0-34.0	YELLOW	> 300	N500±800	.95	.87	.69	CALL FOR QUOTE
ME242-3410-45	5.0-45.0	BROWN	> 200	N1400±800	.95	.87	.69	FOR QUOTE
ME242-3410-55	5.0-55.0	GREEN	> 200	N1400±800	.95	.87	.69	FOR QUOTE
ME242-3410-70	6.0-70.0	---	> 200	N1400±800	.95	.87	.69	FOR QUOTE

## 7MM ULTRA-MINIATURE CERAMIC TRIMMER CAPACITORS

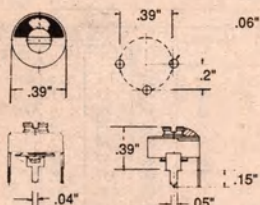
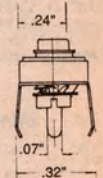
### SPECIFICATIONS

- RATED VOLTAGE: 250VDC
- BREAKDOWN VOLTAGE: 500VDC
- TORQUE: 35-200 gr-cm
- INSULATION RESISTANCE: 10<sup>4</sup> MEGOHMS @ 250VDC



### ADJUSTS THRU REAR OF PC BOARD

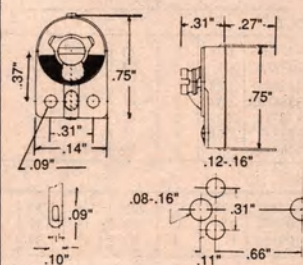
STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP COEF PPM/°C	COLOR CODE	PRICE EACH			
					1	10	100	500
24AA113	4.0-34	300	N550±800	YELLOW	.91	.78	.69	CALL FOR QUOTE
24AA114	5.0-45	200	N1400±800	BROWN	.91	.78	.69	FOR QUOTE
24AA115	5.0-55	200	N1400±800	GREEN	.91	.78	.69	FOR QUOTE
24AA116	6.0-70	200	N1400±800	NONE	.91	.78	.69	FOR QUOTE



## 10mm SUB-MINIATURE

- DIELECTRIC WITHSTANDING: RATING 350 VDC
- VOLTAGE: BREAKDOWN 500 VDC
- TORQUE: 40-400 gr-cm
- INSULATION RESISTANCE: > 10<sup>4</sup> MEGOHMS @ 250 VDC

STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP. COEFF.	MARKINGS	PRICE EACH			
					1	10	100	500
24AA031	3 - 12	500	NP0 ±200	SA120	.91	.78	.70	CALL FOR QUOTE
24AA035	4 - 15	500	NP0 ±200	SA150	.91	.78	.70	FOR QUOTE
24AA032	5 - 25	500	NP0 ±200	SB250	.91	.78	.70	FOR QUOTE
24AA036	8 - 30	500	N200 ±600	SC300	.91	.78	.70	FOR QUOTE
24AA033	8 - 30	300	N600 ±600	SC500	1.09	.84	.76	FOR QUOTE
24AA037	12 - 70	300	N700 ±500	SD700	.91	.78	.70	FOR QUOTE
24AA034	16 - 100	300	N1000 ±700	SE100	1.09	.84	.76	FOR QUOTE



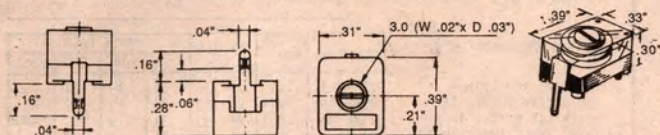
## 14mm MINIATURE

- DIELECTRIC WITHSTANDING: RATING 350 VDC
- VOLTAGE: BREAKDOWN 400 VDC
- TORQUE: 0.28-1.7 kg-cm
- INSULATION RESISTANCE: > 10<sup>4</sup> MEGOHMS @ 250 VDC

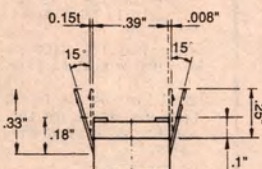
STOCK NO.	RANGE pF	Q @ 10MHZ	TEMP. COEF.	MARKINGS	PRICE EACH			
					1	10	100	500
24AA052	5-20	500	NP0±200	A200	3.32	2.76	2.53	CALL FOR QUOTE
24AA057	7-45	500	N470±200	C450	3.32	2.76	2.53	FOR QUOTE
24AA059	7-50	500	N600±200	D500	3.32	2.76	2.53	FOR QUOTE

## FILM TRIMMER CAPACITORS FOR USE IN OSCILLATOR AND ANTENNA RF CIRCUITS

THESE FILM DIELECTRIC TRIMMER CAPACITORS ARE ENCAPSULATED IN A TWO-PIECE PLASTIC CASE. THIS MAKES THE CAPACITOR RESISTANT TO DUST AND MOISTURE. • TEMP. COEFFICIENT: N200 ±250 PPM/°C



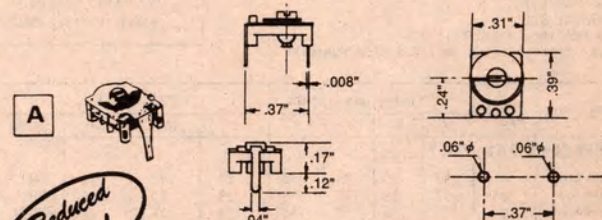
STOCK NO.	RANGE (pF)		COLOR CODE	PRICE EACH		
	MIN.	MAX.		1	10	100
24PX005	0.8	5	PINK	.45	.35	.33
24PX016	1.0	16	RED	.45	.35	.33
24PX020	1.0	20	GREEN	.71	.47	.43
24PX030	1.2	30	WHITE	.71	.51	.47



## FILM TRIMMER CAPACITORS

LOW PROFILE, PC BOARD MOUNTING, POLYESTER DIELECTRIC, TRIMMING CAPACITORS AVAILABLE IN SINGLE OR DOUBLE SECTION CONFIGURATION, DOUBLE SECTION TYPE HAS ONE COMMON PLATE. SLOTTED SCREWDRIVER ADJUSTMENT.

- DIELECTRIC STRENGTH: DC 50 VOLTS



STOCK NO.	FIG.	CAPACITANCE		Q (AT MAX CP) (F=10MHZ)	PRICE EACH		
		MAX (pF)	MIN (pF)		1	10	100
24PS040	A	8.0	1.0	500 OVER	.27	.21	.19

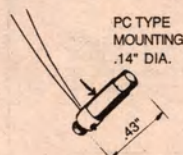


## E.F. JOHNSON

### SUB-MINIATURE TEFLON TRIMMER

IDEALLY SUITED FOR VHF AND UHF APPLICATIONS THAT REQUIRE LOW MINIMUM CAPACITY AND DELTA C. THESE CAPACITORS PROVIDE HIGH RESOLUTION AND ELECTRICAL STABILITY. UNIFORM LINEAR TUNING. LOW TEMPERATURE COEFFICIENT OF PLUS 50 ±50 PPM/°C. INSULATION RESISTANCE 106 MEGOHMS. TEMPERATURE RANGE -55°C TO +150°C. HIGH RESISTANCE TO SHOCK AND ABRASION. METAL PARTS GOLD PLATED.

STOCK NO.	RANGE (pF)		RATED VOLTAGE (VDC)	PRICE EACH		
	MIN.	MAX.		1	10	100
530-273-0001-1	.25	1.5	2000	1.46	1.22	1.05



## E.F. JOHNSON

### TYPE "U" SINGLE SECTION MINIATURE AIR VARIABLE CAPACITORS

HIGH "Q" - GREATER THAN 1,500 @ 1 MHz. ROTORS AND STATORS, PRECISION MACHINED FROM SOLID BRASS, PROVIDE OUTSTANDING MECHANICAL STABILITY AND UNIFORMITY. ABSOLUTE FREEDOM FROM MOISTURE ENTRAPMENT. HIGH TORQUE (2 1/2 TO 10 INCH OUNCES.)

### PRINTED CIRCUIT PANEL MOUNTING

STOCK NO.	RANGE (pF)		VOLTAGE (VDC)	PRICE EACH		
	MIN.	MAX.		1	10	100
530-189-0501-5	1.2	4.2	650	1.99	1.67	1.44
530-189-0503-5	1.4	9.2	650	1.99	1.67	1.44
530-189-0509-5	2.4	24.5	500	2.12	1.77	1.53







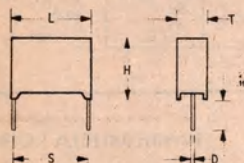
**THOMSON-CSF  
COMPONENTS**

## ENCAPSULATED METALIZED POLYESTER CAPACITORS

CAPACITANCE TOLERANCE  $\pm 10\%$

THE MC METALIZED POLYESTER FILM CAPACITOR HAS A MOLDED, FLAME-RETARDANT CASE WITH EPOXY FILL. ALL CAPACITORS ARE MARKED ON TOP OF CASE IN BLACK WITH CAPACITANCE VALUE, TOLERANCE CODE AND D.C. VOLTAGE. HAS EXCELLENT CAPACITY STABILITY OVER A WIDE TEMPERATURE RANGE AND IS IDEALLY SUITED FOR INDUSTRIAL AND COMMERCIAL EQUIPMENT.

DIMENSIONS - INCHES



Case Code	L	T	H	S	D
B	.413	.157	.354	.295	.028
C	.512	.157	.354	.394	.031
D	.512	.197	.433	.394	.031
E	.512	.236	.472	.394	.031
F	.709	.197	.433	.591	.031
G	.709	.236	.472	.591	.031
H	.709	.295	.531	.591	.031
J	1.04	.236	.591	.787	.031

STOCK NO.	VALUE MFD	CASE CODE	PRICE EACH	1	100	500	1000
<b>100 VOLT</b>							
581-MC472K6C	.0047	C	.23	.19	.17		CALL FOR QUOTE
581-MC223K4C	.022	C	.23	.19	.17		
581-MC473K2C	.047	C	.23	.19	.17		
581-MC683K1B	.068	B	.24	.20	.18		
581-MC104K1C	.1	C	.23	.19	.17		
581-MC154K1C	.15	C	.26	.22	.19		
581-MC224K1D	.22	D	.31	.26	.23		
581-MC334K1F	.33	F	.39	.32	.29		
581-MC474K1F	.47	F	.49	.41	.36		
581-MC684K1G	.68	G	.68	.56	.50		
581-MC105K1H	1.0	H	.88	.73	.65		

<b>250 VOLT</b>							
581-MC472K6C	.0047	C	.23	.19	.17		CALL FOR QUOTE
581-MC223K4C	.022	C	.23	.19	.17		
581-MC473K2C	.047	C	.23	.19	.17		
581-MC104K2D	.1	D	.27	.22	.20		

<b>400 VOLT</b>							
581-MC472K6C	.0047	C	.23	.19	.17		CALL FOR QUOTE
581-MC103K6C	.01	C	.23	.19	.17		
581-MC223K4C	.022	C	.23	.19	.17		
581-MC333K6F	.033	F	.25	.19	.17		
581-MC473K4E	.047	E	.25	.21	.19		
581-MC683K4F	.068	F	.26	.22	.20		
581-MC104K4G	.1	G	.30	.25	.22		

<b>630 VOLT</b>							
581-MC472K6C	.0047	C	.23	.19	.17		CALL FOR QUOTE
581-MC103K6C	.01	C	.23	.19	.17		
581-MC104K6J	.1	J	.47	.39	.34		

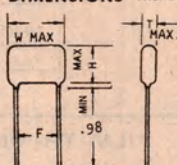
## MOUSER® METALIZED POLYESTER CAPACITORS

CONSTRUCTED OF METALIZED POLYESTER FILM, THESE MINIATURE CAPACITORS ARE IDEALLY SUITED FOR USE IN COUPLING, BYPASS, R.F. FILTERING AND A WIDE NUMBER OF SOLID STATE APPLICATIONS WHERE SIZE IS CRITICAL.



- OPERATING TEMPERATURE  $-40^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$  WITH NO VOLTAGE DERATING
- DISSIPATION FACTOR 1% MAX MEASURED AT 1KHZ
- HIGH STABILITY
- MINIATURE SIZE
- SELF-HEALING CHARACTERISTICS
- DIPPED EPOXY COATING PROTECTS FROM HUMIDITY

DIMENSIONS INCHES

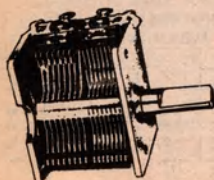


DIMENSIONS:  
"H" (HEIGHT)  
"W" (WIDTH)  
"T" (THICKNESS)  
"F" (LEAD SPACING)  
SHOWN IN TABLE BELOW

STOCK NO.	VALUE MFD	DIMENSIONS INCHES	PRICE EACH	1	100	500	1000
<b>10 PERCENT 250 VOLT</b>							
23MP310	.01	.43	.39	.24	.33	.28	.19
23MP347	.047	.57	.36	.20	.45	.28	.19
23MP410	.1	.57	.46	.27	.45	.35	.24
23MP447	.47	1.02	.59	.33	.79	.59	.40
23MP510	1.0	1.02	.77	.43	.87	.78	.52
23MP522	2.2	1.22	.94	.50	1.06	1.32	.92
23MP547	4.7	1.65	1.10	.64	1.46	2.37	1.65

## VARIABLE CAPACITOR BROADCAST RECEIVER TYPE

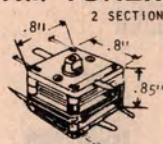
AIR DIELECTRIC, BALL BEARINGS, SINGLE GANG, MIDGET TYPE 365pF (10pF MIN.) APPROX. SIZE 7/8" DEEP x 1 1/2" x 1 1/2".



STOCK NO.	PRICE EACH
524-A1-227	10.95

## MOUSER® AM-MULTIBAND TUNER

### AM TUNER



- SECTION 1: 5.0 TO 266PF
- SECTION 2: 5.0 TO 266PF
- TWO-7PF TRIMMERS PER SECTION
- Q: 700 @ 10MHZ, 50PF

STOCK NO.	PRICE EACH	1	10	100	500
24TR218	1.99	1.75	1.66		CALL FOR QUOTE

## MOUSER® TUBULAR METALIZED POLYESTER FILM CAPACITORS

CONSTRUCTED WITH A METALIZED POLYESTER FILM DIELECTRIC IN A NON-INDUCTIVE FORM. OUTER WRAPPED WITH POLYESTER FILM TAPE AND THE ENDS ARE SEALED WITH EPOXY RESIN. THEY FEATURE HIGH STABILITY OF VALUE AND DISSIPATION FACTOR VS TEMPERATURE. THEY ARE SELF-HEALING. EXCELLENT FOR USE IN CIRCUITS FOR COUPLING BYPASS, R.F. FILTERING, AND SOLID STATE APPLICATIONS WHERE SIZE IS CRITICAL.

### SPECIFICATIONS

OPERATING TEMP:  $-40^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$

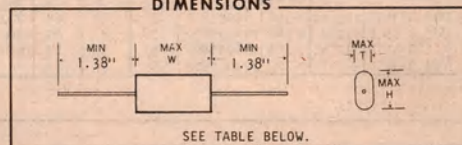
CAP. TOLERANCE:  $\pm 10\%$

TEST VOLTAGE: WV X 1.6

INSULATION RESISTANCE: 10,000 MEGOHMS



DIMENSIONS



SEE TABLE BELOW.

STOCK NO.	MFD	WVDC	DIMENSIONS (INCHES)	PRICE EACH	1	100	500	1000
			W H T					
23MA347	.047	400V	.71 .35 .24	.37 .24 .20				CALL FOR QUOTE
23MA368	.068	400V	.71 .39 .26	.42 .27 .21				
23MA410	.1	250V	.71 .31 .24	.36 .22 .19				
23MA415	.15	250V	.71 .37 .26	.39 .25 .20				
23MA422	.22	250V	.91 .35 .26	.43 .28 .22				
23MA433	.33	250V	.91 .47 .28	.46 .30 .28				
23MA447	.47	250V	.91 .51 .31	.55 .37 .35				
23MA468	.68	250V	1.1 .51 .31	.65 .43 .40				
23MA510	1.0	250V	1.1 .65 .33	.87 .53 .45				
23MA515	1.5	250V	1.1 .71 .39	.97 .71 .58				
23MA522	2.2	250V	1.3 .71 .39	1.20 1.01 .95				

## MOUSER® TUBULAR METALIZED POLYESTER CAPACITORS

WORKING VOLTAGE:  
250V

TOLERANCE:  $\pm 10\%$

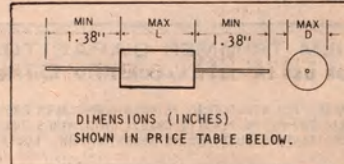
\* OPERATING  
TEMP:  $-40^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$

\* TEST VOLTAGE: 750V

CONSTRUCTED WITH A METALIZED POLYESTER FILM DIELECTRIC IN A NON-INDUCTIVE FORM AND WITH AN OUTER WRAP OF POLYESTER FILM TAPE AND SEALED WITH EPOXY RESIN.

HIGH STABILITY, SELF-HEALING, MINIATURE SIZE.

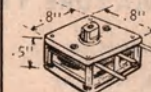
EXCELLENT FOR USE IN COUPLING, RF FILTERING, AND ALL SOLID STATE CIRCUITS.



DIMENSIONS (INCHES)  
SHOWN IN PRICE TABLE BELOW.

STOCK NO.	VALUE MFD	(INCHES) DXL	PRICE EACH	1	100	500	1000
23ME310	.01	.24x.59	.31	.19	.17		CALL FOR QUOTE
23ME315	.015	.24x.59	.31	.19	.17		
23ME322	.022	.24x.59	.31	.19	.17		
23ME333	.033	.24x.59	.31	.19	.17		
23ME347	.047	.24x.71	.31	.19	.17		
23ME368	.068	.26x.71	.31	.19	.17		
23ME410	.1	.3x.71	.36	.22	.19		
23ME415	.15	.33x.71	.39	.25	.20		
23ME422	.22	.33x.91	.43	.28	.22		
23ME433	.33	.33x.91	.46	.30	.24		
23ME447	.47	.39x1.1	.55	.35	.28		
23ME468	.68	.47x1.1	.64	.43	.40		
23ME510	1.0	.53x1.1	.87	.53	.43		
23ME515	1.5	.59x1.3	.97	.71	.58		CALL FOR QUOTE
23ME520	2.0	.67x1.3	1.22	1.03	.88		
23ME522	2.2	.67x1.3	1.22	1.03	.88		

## MOUSER® POLY FILM RF TUNER CAPACITOR



- OSC: 5.0 TO 59.2 PF RANGE
- ANT: 5.0 TO 141.6 PF RANGE
- OSC TRIMMER: 10 PF RANGE
- ANT: TRIMMER: 10 PF RANGE
- Q: 700 @ 10MHZ, 50PF

STOCK NO.	PRICE EACH	1	10	100	500
24TR222	1.38	1.05	.96		CALL FOR QUOTE



# MOUSER® Data Transceivers and Bus Isolators

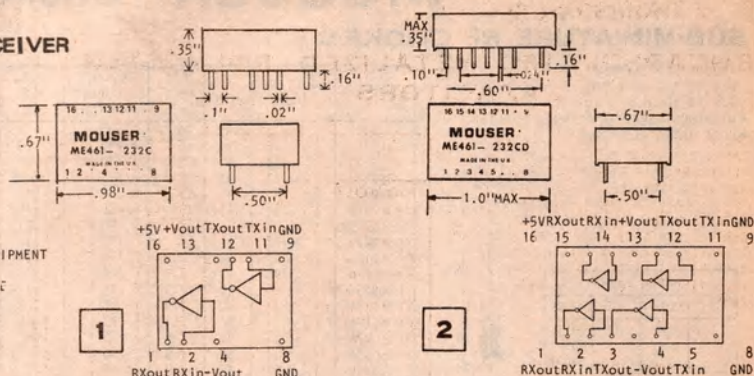
## MOUSER® RS 232C TRANSMITTER AND RECEIVER

THE IDEAL "ONE CHIP" SOLUTION TO INTERFACING RS-232C COMMUNICATIONS WITH LOGIC CIRCUITS. FEATURES A BUILT-IN TRANSFORMER TYPE DC-DC CONVERTER, NOT A CHARGE PUMP. MAINTAINS FULL NEGATIVE AND POSITIVE VOLTAGE LEVELS UNDER VARYING CONDITIONS TO INSURE RELIABLE DATA TRANSMISSION. REQUIRES NO EXTERNAL COMPONENTS AND HELPS CONSERVE VALUABLE PC BOARD SPACE. THE MOUSER ME461-232CD DUAL TRANSCEIVER REPLACES "MAXIM'S MAX 232 DEVICE" WITH IMPROVED PERFORMANCE.

THE ME461-232C AND ME461-232CD ARE DESIGNED TO INTERFACE DATA TERMINAL EQUIPMENT WITH DATA COMMUNICATIONS EQUIPMENT IN CONFORMANCE WITH SPECIFICATIONS OF EIA STANDARD RS-232C. EACH CHANNEL IS COMPLETELY RS-232C COMPATIBLE AT THE INTERFACE BOUNDARY AND TTL/CMOS COMPATIBLE AT THE LOGIC CONNECTIONS. THE INTERNALLY GENERATED POSITIVE AND NEGATIVE SUPPLIES ARE ALSO AVAILABLE FOR EXTERNAL USE AT LIMITED CURRENT LEVELS. (+10/-10V AT UP TO 10 MA EACH).

### FEATURES

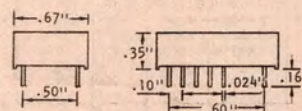
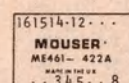
- BUILT-IN DC-DC CONVERTER
- WORKS FROM A SINGLE +5V SUPPLY
- EIA-RS232C COMPATIBLE INPUT/OUTPUT
- LOGIC SIDE IS TTL/CMOS COMPATIBLE
- LOW PROFILE 0.5" DIP PACKAGE



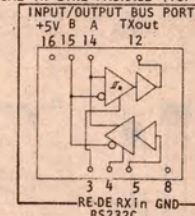
STOCK NO.	FIG.	SCHEM.	TYPE	TYPICAL POWER CONSUMPTION	SUPPLY VOLT. RANGE	OPERATING TEMP. RANGE	PRICE EACH			
ME461-232C	1	A	SINGLE	70 mW	+4V TO +7V	0°C TO 70°C	17.57	15.97	14.52	CALL FOR QUOTE
ME461-232CD	2	B	DUAL	110 mW	+4V TO +7V	0°C TO 70°C	21.96	19.97	18.15	CALL FOR QUOTE

## MOUSER® RS 232C TO RS 422A TRANSCEIVER

THE ME461-422A TRANSCEIVER IS DESIGNED FOR BALANCED TRANSMISSION LINES AND MEETS EIA STANDARDS RS-422A FOR THE BUS PORT CONNECTION WHILE AT THE RX IN AND TX-OUT CONNECTIONS IT CONFORMS WITH THE SPECIFICATIONS OF EIA STANDARD RS-232C. THE DEVICE OPERATES FROM A SINGLE 5 VOLT POWER SUPPLY YET PROVIDES FULL RS-232C TRANSMITTER VOLTAGE LEVELS. THE BUS PORT DRIVER AND RECEIVER HAVE ACTIVE ENABLES LINES THAT CAN BE CONNECTED EXTERNALLY TO FUNCTION AS A DIRECTION CONTROL. THE DRIVER DIFFERENTIAL OUTPUT AND THE RECEIVER DIFFERENTIAL INPUT ARE INTERNALLY CONNECTED FORMING A DIFFERENTIAL INPUT/OUTPUT BUS PORT. THE LOADING ON THE BUS IS MINIMIZED WHENEVER THE BUS DRIVER IS DISABLED (TRI-STATE) OR V<sub>CC</sub>=0. THE BUS RECEIVER HAS A MINIMUM INPUT IMPEDANCE OF 12K OHM AND INPUT SENSITIVITY OF +/-200mV. THE BUS DRIVER CAN HANDLE LOADS UP TO 60mA OF SINK OR SOURCE CURRENT. THE RX IN AND TX OUT LINES PROVIDE A DATA RECEIVER CHANNEL AND DATA TRANSMIT CHANNEL BOTH RS-232C COMPATIBLE CONNECTED AS INPUT AND OUTPUT TO THE RS-422A COMPATIBLE DRIVER AND RECEIVER.



DUAL-IN-LINE PACKAGE (TOP VIEW)



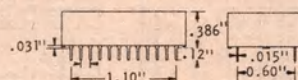
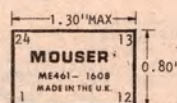
### FEATURES

- BUILT-IN DC-DC CONVERTER
- SINGLE 5 VOLT SUPPLY OPERATION
- MEETS EIA-RS232C & RS422A STANDARDS
- DIP 0.5" PACKAGE
- TRI-STATE DRIVER OUTPUT
- INDIVIDUAL DRIVER & RECEIVER ENABLES

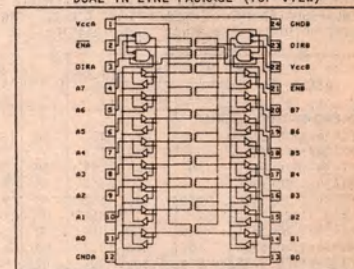
STOCK NO.	POWER CONSUMPTION	SUPPLY VOLT. RANGE	OPERATING TEMP. RANGE	STORAGE TEMP. RANGE	PRICE EACH			
ME461-422A	200mW	+4.5V TO +7V	0°C TO 70°C	-55°C TO +125°C	28.78	26.17	23.79	CALL FOR QUOTE

## MOUSER® 8 BIT ACTIVE DATA-BUS ISOLATOR

THE ME461-1608 MODULE IS A HIGHLY COMPACT AND COST EFFECTIVE SOLUTION TO 8 BIT BUS AND PARALLEL DATA EXCHANGE ISOLATION. BI-DIRECTIONAL CAPABILITIES PROVIDE AN ENHANCED ALTERNATIVE TO 16 HIGH SPEED OPTO-COUPLEDERS PLUS SUPPORT BUFFERS. THE IDEAL "SINGLE CHIP" SOLUTION TO COMMON MODE AND GROUND LOOP PROBLEMS OR USE AS A DIGITAL INTERFACE ISOLATOR. REDUCES COST AND SAVES BOARD SPACE TOO. DESIGNED TO PROVIDE ISOLATION ON 8-BIT WIDE MICROPROCESSOR DATA-BUSSES WHILE OPERATING AT NORMAL HIGH-SPEED PROCESSOR RATES. ALL DATA LINES ARE BI-DIRECTIONAL AND LS TTL BUFFERED HAVING 3-STATE OUTPUTS CONTROLLED BY A DIRECTION CONTROL INPUT AND AN OUTPUT ENABLE INPUT. THE DIRECTION AND ENABLE INPUT LINES CAN BE DRIVEN FROM EITHER SIDE OF THE ISOLATOR PROVIDING A HIGH DEGREE OF DESIGN FLEXIBILITY.



DUAL-IN-LINE PACKAGE (TOP VIEW)



### FEATURES

- NO EXTERNAL COMPONENTS REQUIRED
- 5 VOLT OPERATION
- 8-BIT DATA-BUS ISOLATION
- REPLACES 16 HI-SPEED OPTOS
- BUILT-IN LS TTL BUFFERS
- TRI-STATE OUTPUTS
- BI-DIRECTIONAL CONTROL INPUT
- MAX ISOLATION BREAKDOWN 500 VRMS
- LOW POWER CONSUMPTION - 100 mA TYPICAL
- OPER. TEMP. 0 C TO 70 C
- STANDARD 24 PIN DIP

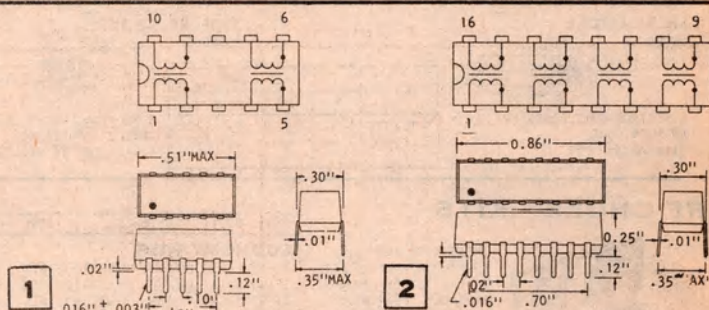
STOCK NO.	SUPPLY VOLTAGE RANGE	OPERATING TEMP. RANGE	PRICE EACH			
ME461-1608	+4.75 TO +5.25V	0°C TO 70°C	45.92	41.75	37.94	CALL FOR QUOTE

## MOUSER® DUAL AND QUAD DATA-BUS PASSIVE ISOLATORS

THE ME460-1600 SERIES OF DATA BUS ISOLATORS AND TRANSLATORS ARE PULSE TRANSFORMERS WITH HIGH INPUT TO OUTPUT ISOLATION ARRANGED IN DUAL OR QUAD COMBINATIONS. THEY ARE DESIGNED TO HAVE AN OPTIMUM PULSE WIDTH CAPABILITY AT HIGH REPETITION RATES FOR USE IN MICROPROCESSOR BUS ISOLATION APPLICATIONS. THE POWER DEMAND OVERHEAD IS LOW AND NO EXTERNAL CURRENT LIMITING IS REQUIRED WHEN CONNECTING TO TTL OR CMOS LOGIC. QUAD DATA BUS ISOLATORS ARE HOUSED IN A 16 PIN DUAL-IN-LINE PACKAGE AND DUAL VERSIONS IN A 10 PIN DUAL-IN-LINE PACKAGE

### FEATURES

- BI-DIRECTIONAL
- INVERT OR NON-INVERT
- FACILITATES ISOLATION BETWEEN LOGIC AND D/A OR A/D DEVICES
- MAX ISOLATION BREAKDOWN 500 VRMS
- LOW PROFILE DIP PACKAGE
- DIRECT CONNECTION TO TTL/CMOS



STOCK NO.	FIG.	TYPE	FUNCTION	MAX PULSE WIDTH	PRICE EACH			
ME461-1601	1	DUAL ISOLATOR	5V TO 5V LOGIC ISOLATION	5 μ SEC	8.42	7.66	6.89	CALL FOR QUOTE
ME461-1600	2	QUAD ISOLATOR	5V TO 5V LOGIC ISOLATION	5 μ SEC	14.54	13.21	11.99	CALL FOR QUOTE



# MOUSER® Chokes & Inductors

## SUB-MINIATURE RF CHOKES

- INDUCTIVE TOLERANCE:  
0.1 TO 1.0 uH ± 20%  
1.1 TO 1000 uH ± 10%
- WINDINGS IMPREGNATED WITH VARNISH
- CORE MATERIAL: IRON



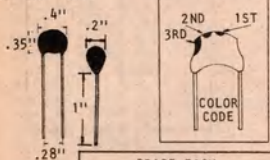
PRICE EACH				
1	100	500	1000	
.38	.21	.18	CALL FOR QUOTE	

STOCK NO.	INDUCTANCE (uH)	Q MIN	TEST FREQ. (MHz)	RESONANT FREQUENCY MIN. (MHz)	D.C. RES. MAX.	MAX DC CURRENT (mA)
43LQ107	.10	45	25	575	.025	2828
43LQ157	.15	45	25	500	.03	2582
43LQ227	.22	45	25	400	.04	2236
43LQ337	.33	45	25	325	.075	1633
43LQ477	.47	45	25	275	.15	1154
43LQ687	.68	45	25	225	.25	894
43LQ757	.75	45	25	200	.275	852
43LQ827	.82	45	25	175	.3	816
43LQ106	1.0	40	7.9	125	.36	745
43LQ126	1.2	40	7.9	100	.1	1414
43LQ156	1.5	40	7.9	95	.115	1318
43LQ186	1.8	40	7.9	85	.12	1290
43LQ226	2.2	40	7.9	83	1.65	1100
43LQ276	2.7	40	7.9	75	1.85	1039
43LQ336	3.3	35	7.9	65	.275	852
43LQ396	3.9	35	7.9	60	.3	816
43LQ476	4.7	35	7.9	55	.465	655
43LQ566	5.6	35	7.9	50	.5	632
43LQ686	6.8	35	7.9	50	.625	565
43LQ756	7.5	35	7.9	45	.65	554
43LQ826	8.2	35	7.9	40	.75	516
43LQ105	10	35	7.9	30	1.5	365
43LQ125	12	30	2.52	26	1.37	318

STOCK NO.	INDUCTANCE (uH)	Q MIN	TEST FREQ. (MHz)	RESONANT FREQUENCY MIN. (MHz)	D.C. RES. MAX.	MAX DC CURRENT (mA)
43LQ155	15	30	2.52	20	1.62	305
43LQ185	18	30	2.52	14	1.71	278
43LQ225	22	30	2.52	10	1.88	225
43LQ275	27	30	2.52	7	2.03	200
43LQ335	33	30	2.52	5	2.39	196
43LQ395	39	30	2.52	4.3	2.53	192
43LQ475	47	30	2.52	4	2.78	186
43LQ565	56	30	2.52	3.8	3.06	179
43LQ685	68	30	2.52	3.5	3.42	170
43LQ825	82	30	2.52	3.3	3.59	154
43LQ104	100	30	.796	3.0	4.35	136
43LQ124	120	30	.796	2.5	4.14	115
43LQ154	150	30	.796	2.5	4.85	104
43LQ184	180	30	.796	2.2	5	95
43LQ224	220	30	.796	2.0	5.87	83.5
43LQ274	270	30	.796	1.5	8.06	77
43LQ334	330	30	.796	1.4	8.5	69
43LQ394	390	30	.796	1.4	9.31	60
43LQ474	470	30	.796	1.2	13.9	51
43LQ564	560	30	.796	1.1	15.1	48
43LQ684	680	30	.796	1.1	15.7	40.5
43LQ824	820	30	.796	1.0	18.5	32
43LQ103	1000	30	.796	.9	22.2	30

## EPOXY DIPPED RF CHOKES

- RADIAL LEAD
- EPOXY DIPPED
- HIGH Q
- IRON CORE
- SUBMINIATURE
- + 10% TOLERANCE
- HIGH Q (30) MIN



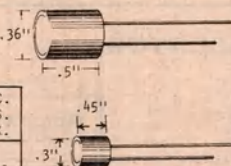
PRICE EACH				
1	100	500	1000	
.46	.30	.26	CALL FOR QUOTE	

STOCK NO.	INDUCT (uH)	TEST FREQ. MHz	RES. FREQ. MIN. (MHz)	D.C. RES. MAX.	IDC mA MAX	COLOR CODE		
						1ST	2ND	3RD
43LR227	.22	25.200	287.0	.123	-	RED	RED	SLVR
43LR337	.33	25.200	217.0	.138	-	ORG	ORG	SLVR
43LR477	.47	25.200	161.0	.150	-	VIO	YEL	SLVR
43LR687	.68	25.200	126.0	.167	-	GRY	BLU	SLVR
43LR106	1.00	7.960	96.0	.201	330	BLK	BRN	GLD
43LR126	1.20	7.960	84.0	.218	320	RED	BRN	GLD
43LR156	1.50	7.960	71.0	.240	315	GRN	BRN	GLD
43LR226	2.20	7.960	55.0	.280	300	RED	RED	GLD
43LR276	2.70	7.960	50.0	.281	295	VIO	RED	GLD
43LR336	3.30	7.960	43.0	.338	285	ORG	ORG	GLD
43LR476	4.70	7.960	33.0	.420	275	VIO	YEL	GLD
43LR566	5.60	7.960	29.0	.450	270	BLU	GRN	GLD
43LR686	6.80	7.960	25.0	.488	260	GRY	BLU	GLD
43LR105	10.00	2.520	20.0	1.140	250	BLK	BRN	BLK
43LR125	12.00	2.520	16.0	1.280	245	RED	BRN	BLK
43LR155	15.00	2.520	13.0	1.400	235	GRN	BRN	BLK
43LR185	18.00	2.520	12.0	1.550	225	GRY	BRN	BLK
43LR225	22.00	2.520	10.0	1.730	220	RED	RED	BLK
43LR275	27.00	2.520	9.0	1.950	215	VIO	RED	BLK

STOCK NO.	INDUCT (uH)	TEST FREQ. MHz	RES. FREQ. MIN. (MHz)	D.C. RES. MAX.	IDC mA MAX	COLOR CODE		
						1ST	2ND	3RD
43LR335	33	2.520	8.0	2.150	205	ORG	ORG	BLK
43LR395	39	2.520	7.0	2.360	200	ORG	WHT	BLK
43LR475	47	2.520	9.0	1.940	190	YEL	VIO	BLK
43LR565	56	2.520	9.0	1.950	180	GRN	BLU	BLK
43LR685	68	2.520	8.0	2.120	170	BLU	GRY	BLK
43LR825	82	2.520	8.0	2.400	160	GRY	RED	BLK
43LR104	100	0.796	7.0	2.850	150	BRN	BLK	BRN
43LR124	120	0.796	6.0	4.350	145	BRN	RED	BRN
43LR154	150	0.796	5.0	3.600	130	BRN	GRN	BRN
43LR184	180	0.796	4.0	4.020	120	BRN	GRY	BRN
43LR224	220	0.796	4.0	4.700	115	RED	RED	BRN
43LR274	270	0.796	3.0	5.400	105	RED	VIO	BRN
43LR334	330	0.796	3.0	7.500	100	ORG	ORG	BRN
43LR394	390	0.796	3.0	8.550	90	ORG	WHT	BRN
43LR474	470	0.796	2.8	9.900	85	YEL	VIO	BRN
43LR564	560	0.796	2.5	11.400	80	GRN	BLU	BRN
43LR684	680	0.796	2.3	10.800	68	BLU	GRY	BRN
43LR824	820	0.796	2.1	12.300	58	GRY	RED	BRN
43LR103	1000	0.252	1.9	14.100	50	BRN	BLK	RED

## ENCAPSULATED RF CHOKES

MINIATURE FIXED INDUCTOR WOUND ON A FERRITE CORE AND RESIN-ENCAPSULATED INTO A MOLDED PLASTIC CASE. THEY EXHIBIT EXCELLENT MOISTURE RESISTANCE, AND VIBRATION ENDURANCE.



- TEMPERATURE -10°C + 40°C
- ENCAPSULATED
- FERRITE/IRON CORE

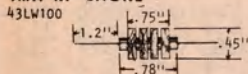
STOCK NO.	INDUCTANCE IN uH	INDUCTANCE IN mH	TOLERANCE	Q MIN	TEST FREQ. (KHz)	CURRENT DC MA	D.C. RES. MAX.
<b>ME434-1120 SERIES</b>							
ME434-1120-220L	22	.022	15%	50	11.0	796.0	600
ME434-1120-330L	33	.033	15%	50	9.7	796.0	500
ME434-1120-680L	68	.068	15%	50	7.1	796.0	378
ME434-1120-101L	100	.100	15%	50	5.9	796.0	300
ME434-1120-151L	150	.150	15%	50	5.0	796.0	300
ME434-1120-221L	220	.22	15%	50	4.1	796.0	200
ME434-1120-331L	330	.330	15%	50	3.3	796.0	150
ME434-1120-561L	560	.560	15%	50	2.6	796.0	150
ME434-1120-103K	1000	1.000	10%	80	1.8	796.0	100
ME434-1120-123K	1200	1.200	10%	80	1.6	252.0	100
ME434-1120-153K	1500	1.500	10%	80	1.45	252.0	100
ME434-1120-223K	2200	2.200	10%	80	1.1	252.0	100
ME434-1120-333K	3300	3.300	10%	80	0.74	252.0	87
ME434-1120-473K	4700	4.700	10%	80	.68	252.0	80
ME434-1120-104K	10,000	10.000	10%	80	.21	79.6	58
ME434-1120-124K	12,000	12.000	10%	80	.11	79.6	50

PRICE EACH				
1	100	500	1000	
.57	.38	.34	CALL FOR QUOTE	

PRICE EACH				
1	100	500	1000	
.75	.52	.48	CALL FOR QUOTE	

STOCK NO.	INDUCTANCE IN uH	INDUCTANCE IN mH	TOLERANCE	Q MIN	MIN RES. FREQ.	TEST FREQ. (KHz)	CURRENT DC MA	D.C. RES. MAX.
<b>43LH SERIES</b>								
43LH210	1000	1.0	10%	60	1.40	252	250	2.5
43LH212	1200	1.2	10%	75	1.30	252	250	3.0
43LH215	1500	1.5	10%	75	1.10	252	150	5.0
43LH218	1800	1.8	10%	75	1.00	252	150	5.5
43LH222	2200	2.2	10%	75	0.90	252	150	7.0
43LH227	2700	2.7	10%	75	0.80	252	150	8.0
43LH233	3300	3.3	10%	75	0.70	252	150	9.0
43LH239	3900	3.9	10%	75	0.68	252	100	10.0
43LH247	4700	4.7	10%	60	0.65	252	100	11.5
43LH256	5600	5.6	10%	60	0.56	252	100	15.0
43LH268	6800	6.8	10%	45	0.45	252	100	16.8
43LH282	8200	8.2	10%	45	0.40	252	50	19.5
43LH310	10000	10.0	10%	80	0.35	252	50	34.0
43LH312	12000	12.0	10%	80	0.33	252	50	39.0
43LH318	18000	18.0	10%	80	0.30	252	50	50.0
43LH322	22000	22.0	10%	80	0.25	252	50	57.0
43LH327	27000	27.0	10%	80	0.20	252	50	70.0
43LH333	33000	33.0	10%	80	0.19	252	50	75.0

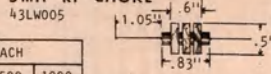
## 1mH RF CHOKE



4 SECTION COIL WOUND ON AN IRON CORE  
TOLERANCE: +5%

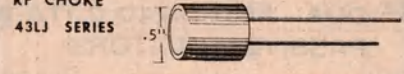
STOCK NO.	1	100	500	1000
43LW100	1.14	.91	.83	CALL FOR QUOTE
43LW005	1.14	.91	.83	CALL FOR QUOTE

## 5mH RF CHOKE



3 SECTIONS WOUND ON IRON CORE  
TOLERANCE: +5%  
EQUIVALENT TO MILLER NO.6304

## RF CHOKE



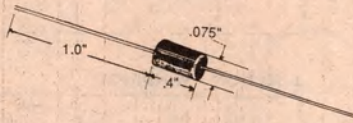
STOCK NO.	INDUCTANCE		TOLERANCE	Q MIN	MIN RES. FREQ.	TEST FREQ. (KHZ)	CURRENT DC MA	D.C. RES. MAX.
	IN uH	IN mH						
43LJ SERIES								
43LJ310	10000	10.0	10%	100	0.30	79.6	100	22.0
43LJ312	12000	12.0	10%	100	0.25	79.6	100	23.0
43LJ315	15000	15.0	10%	100	0.20	79.6	100	27.0
43LJ318	18000	18.0	10%	60	0.19	79.6	100	34.0
43LJ322	22000	22.0	10%	60	0.18	79.6	100	40.0
43LJ327	27000	27.0	10%	60	0.17	79.6	100	47.0
43LJ333	33000	33.0	10%	60	0.16	79.6	80	55.0
43LJ339	39000	39.0	10%	35	0.14	79.6	80	60.0
43LJ347	47000	47.0	10%	35	0.13	79.6	80	72.0
43LJ356	56000	56.0	10%	35	0.12	79.6	50	110.0
43LJ368	68000	68.0	10%	35	0.11	79.6	50	120.0
43LJ382	82000	82.0	10%	35	0.09	79.6	50	150.0
43LJ410	100000	100.0	10%	30	0.11	79.6	30	150.0
43LJ412	120000	120.0	10%	30	0.09	79.6	30	200.0
43LJ415	150000	150.0	10%	30	0.08	79.6	30	260.0



# MOUSER® Chokes

## MOUSER® QUALITY MOLDED CHOKES

THESE CHOKES ARE DESIGNED TO MEET HIGH RELIABILITY STANDARDS. THEY ARE MOISTURE RESISTANT AND USE LESS SPACE ON A PC BOARD THAN A 1/2 WATT RESISTOR.



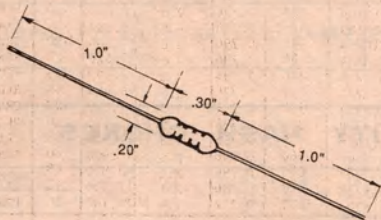
PRICE EACH			
1	100	500	1000
.63	.49	.43	CALL FOR QUOTE

STOCK NO.	INDUCTANCE (UH)	MIN Q @ MHZ	FREQUENCY MHZ	DC RESISTANCE MAX
43HH106	1.0	50 @ 25	200.0	.29
43HH226	2.2	33 @ 7.90	135.0	.95
43HH276	2.7	33 @ 7.90	120.0	1.50
43HH336	3.3	33 @ 7.90	110.0	2.00
43HH476	4.7	33 @ 7.90	90.0	2.80
43HH105	10.0	37 @ 7.90	45.0	2.00
43HH155	15.0	65 @ 2.50	40.0	1.70
43HH225	22.0	65 @ 2.50	30.0	2.60
43HH335	33.0	65 @ 2.50	19.0	2.30
43HH395	39.0	65 @ 2.50	16.0	2.40
43HH475	47.0	55 @ 2.50	14.0	2.60
43HH685	68.0	55 @ 2.50	11.0	3.30
43HH825	82.0	50 @ 2.50	10.0	3.90
43HH104	100.0	50 @ 2.50	9.0	4.50
43HH154	150.0	60 @ .790	7.8	6.10
43HH224	220.0	60 @ .790	6.2	7.50
43HH474	470.0	60 @ .790	4.0	1.10
43HH103	1000.0	30 @ .252	1.9	14.10

## MOUSER®

### MINIATURE EPOXY COATED CHOKES

THESE CHOKES COVER AN INDUCTANCE RANGE OF .22 MICROHENREYS TO 1000 MICROHENREYS IN A NEW AXIAL LEAD DESIGN WHICH FEATURES IRON, MINIATURE SIZE AND A MOISTURE RESISTANT EPOXY COATING USED ON CARBON FILM RESISTORS. THEY ARE ALSO COLOR CODED IN ACCORDANCE WITH "EIA" STANDARDS. THESE CHOKES USE NO MORE PC BOARD SPACE THAN A STANDARD 1/2 WATT RESISTOR.



PRICE EACH			
1	100	500	1000
.39	.29	.25	CALL FOR QUOTE

#### TOLERANCE $\pm 10\%$

STOCK NO.	INDUCTANCE (UH)	D.C. OHM MAX.	S.R.F. MHZ MIN.	TEST FREQ. MHZ	IDC mA MAX.	COLOR CODE			
						1ST	2ND	3RD	4TH
43LS104	100	4.35	3.0	2.520	275	BRN	BLK	BRN	SLVR
43LS224	220	5.87	2.0	.796	155	RED	RED	BRN	SLVR
43LS334	330	8.50	1.4	.796	137	ORG	ORG	BRN	SLVR
43LS474	470	13.90	1.2	.796	126	YEL	VIO	BRN	SLVR
43LS103	1000	22.20	.9	.796	100	BRN	BLK	RED	SLVR

#### TOLERANCE $\pm 20\%$

STOCK NO.	INDUCTANCE (UH)	D.C. R. OHM MAX.	S.R.F. MHZ MIN.	TEST FREQ. MHZ	IDC mA MAX.	COLOR CODE		
						1ST	2ND	3RD
43LS227	.22	.12	300.0	25.200	1400	RED	RED	SLVR
43LS337	.33	.14	250.0	25.200	1280	ORG	ORG	SLVR
43LS477	.47	.17	220.0	25.200	1150	YEL	VIO	SLVR
43LS687	.68	.20	190.0	25.200	1040	BLU	GRY	SLVR
43LS106	1.00	.24	157.0	25.200	920	BRN	BLK	GLD
43LS126	1.20	.27	154.0	7.960	880	BRN	RED	GLD
43LS156	1.50	.30	131.0	7.960	830	BRN	GRN	GLD
43LS226	2.20	.35	110.0	7.960	750	RED	RED	GLD
43LS276	2.70	.41	100.0	7.960	720	RED	VIO	GLD
43LS336	3.30	.44	80.0	7.960	670	ORG	ORG	GLD
43LS476	4.70	.54	70.0	7.960	620	YEL	VIO	GLD
43LS566	5.60	.59	62.0	7.960	590	GRN	BLU	GLD
43LS686	6.80	.64	58.0	7.960	550	BLU	GRY	GLD
43LS105	10.00	.81	30.0	7.960	500	BRN	BLK	BLK
43LS125	12.00	1.37	26.0	7.960	480	BRN	RED	BLK
43LS155	15.00	1.62	20.0	2.520	460	BRN	GRN	BLK
43LS185	18.00	1.71	14.0	2.520	430	BRN	GRY	BLK
43LS225	22.00	1.88	10.0	2.520	410	RED	RED	BLK
43LS275	27.00	2.03	7.0	2.520	390	RED	VIO	BLK
43LS335	33.00	2.39	5.0	2.520	370	ORG	ORG	BLK
43LS395	39.00	2.53	4.3	2.520	350	ORG	WHT	BLK
43LS475	47.00	2.78	4.0	2.520	340	YEL	VIO	BLK
43LS565	56.00	3.06	3.8	2.520	320	GRN	BLU	BLK
43LS685	68.00	3.42	3.5	2.520	305	BLU	GRY	BLK
43LS825	82.00	3.59	3.3	2.520	290	GRY	RED	BLK
43LS154	150.00	4.85	2.5	.796	175	BRN	GRN	BLK
43LS564	560.00	15.10	1.1	.796	120	GRN	BLU	BLK

## MOUSER® Active Delay Lines

THESE COMPACT DELAY LINE MODULES REQUIRE MINIMUM BOARD SPACE YET PROVIDE PRECISION DELAYS WITH BUFFERED OUTPUTS THAT INTERFACE DIRECTLY WITH TTL DEVICES.

- FULLY SCHOTTKY TTL BUFFERED
- 5 EQUALLY SPACED DELAYED OUTPUTS
- ACCURATE WITHIN  $\pm 5\%$  OF TOTAL DELAY
- LOW POWER CONSUMPTION

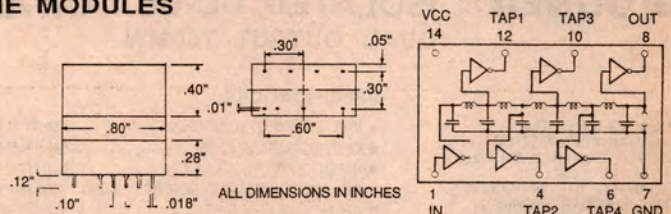
- DRIVES UP TO 10 TTL LOADS PER TAP
- MAXIMUM 20 TTL LOADS PER MODULE
- SUPPLY VOLTAGE RANGE: 4.75 TO 5.25V
- OPERATING TEMPERATURE RANGE 0°C TO 70°C

- NO EXTERNAL COMPONENTS NEEDED
- INTERNAL TERMINATION OF THE DELAY LINE AND COMPENSATION FOR PROPAGATION DELAYS ARE INCORPORATED IN THE DESIGN
- CHOICE OF LOW PROFILE MOLDED OR LEADFRAME PACKAGES

### 5 TAP 14 PIN MOLDED DIP DIGITAL DELAY LINE MODULES

- FEATURES**
- ECONOMICAL, ENCAPSULATED PLASTIC PACKAGE
  - PIN SPACING FITS SAME OUTLINE AS STD 14 PIN DEVICES
  - IDEAL FOR MANUAL INSERTION INTO PC BOARD

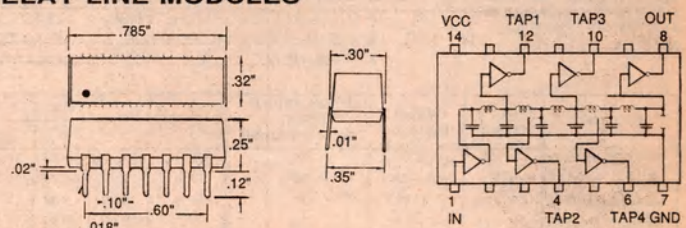
STOCK NO.	TOTAL DELAY (ns) $\pm 5\%$	TAP TO TAP DELAY (ns)	MAX RISE TIME (ns)	PRICE EACH				
				1	10	25	50	
ME461-31A5101	100	20 $\pm 2$	3	9.58	7.99	7.26	CALL	
ME461-31A5151	150	30 $\pm 3$	4	9.58	7.99	7.26	FOR	
ME461-31A5251	250	50 $\pm 5$	4	9.58	7.99	7.26	QUOTE	



### 5 TAP 14 PIN STANDARD DIP PKG DIGITAL DELAY LINE MODULES

- FEATURES**
- INDUSTRY STD. 14 PIN DIP LEADFRAME PACKAGE
  - PERFECT FOR AUTO INSERTION INTO PC BOARD OR IC SOCKET
  - SAVES SPACE IN HIGH DENSITY BOARD DESIGNS

STOCK NO.	TOTAL DELAY (ns) $\pm 5\%$	TAP TO TAP DELAY (ns)	MAX RISE TIME (ns)	PRICE EACH				
				1	10	25	50	
ME461-42A5151	150	20 $\pm 2$	4	10.53	8.77	7.98	CALL	
ME461-42A5101	100	30 $\pm 3$	3	10.53	8.77	7.98	FOR	
ME461-42A5201	200	50 $\pm 5$	4	10.53	8.77	7.98	QUOTE	



"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.

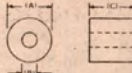


# DC-DC Converters and

J.W.MILLER

# Beads, Cores, Inductors

## FERRITE BEADS



STOCK NO.	FREQ. RANGE (MHz)	MAX DIMENSIONS (IN)			PRICE EACH			
		A	B	C	1	100	250	500
542-FB73-085	UP TO 40	.056	.031	.095	.41	.30	.24	CALL FOR QUOTE
542-FB43-226	40 - 200	.146	.055	.246	.20	.15	.12	
542-FB73-226	UP TO 40	.146	.055	.246	.31	.23	.18	
542-FB73-110	UP TO 40	.146	.055	.126	.20	.15	.12	
542-FB43-110	40 - 200	.146	.055	.126	.11	.08	.06	
542-FB64-110	ABOVE 200	.146	.055	.126	.20	.15	.12	
542-FB43-422	40 - 200	.210	.067	.452	.31	.23	.18	
542-FB73-422	UP TO 40	.210	.067	.452	.29	.21	.17	
542-FB43-287	40 - 200	.301	.099	.307	.31	.23	.18	
542-FB73-287	UP TO 40	.301	.099	.307	.41	.30	.24	

## FERRITE TOROIDAL CORES

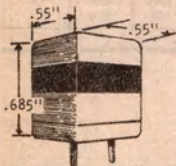


STOCK NO.	DIA. (INCHES)		HEIGHT	FREQ. RANGE (MHz)	PRICE EACH			
	OUTSIDE	INSIDE			1	100	250	500
542-F-240-2	2.40	1.400	.500	10-150	47.47	42.72	41.30	CALL FOR QUOTE
542-F-125-1	1.25	.750	.375	1-70	10.32	9.29	8.98	
542-F-125-2	1.25	.750	.375	10-150	6.45	5.81	5.61	
542-F-87-1	.87	.540	.250	1-70	9.29	8.37	8.09	
542-F-50-1	.50	.312	.250	1-70	6.45	5.81	5.61	
542-F-23-1	.230	.120	.060	1-70	6.45	5.81	5.61	
542-F-23-2	.230	.120	.060	10-150	6.45	5.81	5.61	

## POWDERED IRON TOROIDAL CORES

STOCK NO.	DIA. (INCHES)		HT.	FREQ. RANGE (MHz)	PRICE EACH			
	OUTSIDE	INSIDE			1	100	250	500
542-T68-2	.68	.37	.19	.5-30	2.68	2.42	2.34	CALL FOR QUOTE

## SHIELDED SUBMINIATURE ADJUSTABLE R.F. COILS



ADJUSTABLE FROM TOP OR BOTTOM.

STOCK NO.	INDUCTANCE RANGE @ F (MHz)	PRICE EACH			
		1	100	250	500
542-9055	60.0uH@2.5 - 120uH@.79	4.95	3.63	2.89	CALL FOR QUOTE
542-9060	3.0mH@.25 - 10.0mH@.079	5.67	4.16	3.31	

## R.F. CHOKES WITH AXIAL LEADS



STOCK NO.	CORE	INDUCT uH	MIN. Q @ F (MHz)	PRICE EACH			
				1	100	250	500
542-4632	IRON	100.0	107@.79	1.12	.82	.66	CALL FOR QUOTE

## 3-SECTION WINDINGS

STOCK NO.	CORE	INDUCT MH±5%	MIN. Q @ F (MHz)	PRICE EACH			
				1	100	250	500
542-4649	PHENOLIC	.55	58 @.79	1.70	1.37	1.04	CALL FOR QUOTE
542-4666	IRON	2.40	80 @.25	1.84	1.49	1.11	

## MINIATURE SHIELDED R.F. CHOKES

CONFORMS TO MIL-C-15305 & MS 75087/88/89



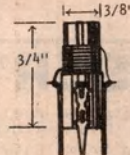
STOCK NO.	MS TYPE	INDUCT uH±10%	MIN. Q@F F (MHz)	CORE	PRICE EACH			
					1	100	250	500
542-9250-225	75089-27	2200.0	45@ .25	FERRITE	2.99	2.13	1.69	CALL FOR QUOTE

## HEAVY DUTY HASH CHOKES



STOCK NO.	INDUCT uH±20%	AMPERES	DIMENSIONS (INCH)	PRICE EACH			
				1	100	250	500
542-5248	68.0	5.0	17/32X1 1/4	2.48	1.82	1.44	CALL FOR QUOTE
542-5254	250.0	2.5	7/16X1 1/4	2.74	2.01	1.60	
542-5256	500.0	2.0	9/16X1 1/4	2.74	2.01	1.60	

## ADJUSTABLE R.F. COILS



ADJUSTABLE FROM TOP OR BOTTOM.

STOCK NO.	INDUCTANCE RANGE (uH)	PRICE EACH			
		1	100	250	500
542-48A778MPC	.071-.082	1.73	1.40	1.05	CALL FOR QUOTE
542-48A117MPC	.099-.122	1.40	1.03	.81	

## MOUSER® ISOLATED DC-DC CONVERTERS DUAL OUTPUT 750MW

NEW IN 88

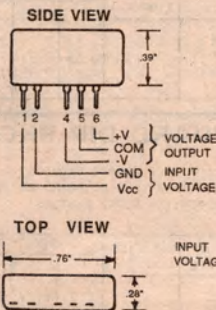
THE MINIATURE HIGH EFFICIENCY ISOLATED DC-DC CONVERTERS ARE AVAILABLE IN BOTH DIP AND SIP PACKAGES. THE DIP REQUIRES ONLY .32 SQUARE INCHES OF BOARD SPACE AND THE SIP ONLY .18 SQUARE INCHES. BOTH TYPES OF PACKAGES ARE FULLY EPOXY ENCAPSULATED AND NO HEAT SINKS ARE NEEDED.

### SPECIFICATIONS:

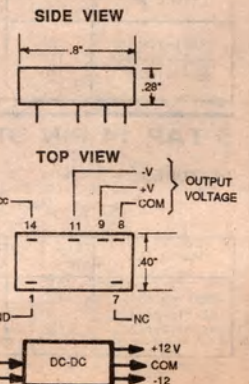
- INPUT REFLECTED NOISE: .....75mW P-P MAX
- OUTPUT RIPPLE NOISE: .....50mW P-P MAX
- INPUT OUTPUT ISOLATION: .....500 VDC MIN
- INSULATION RESISTANCE AT 500VDC: 1000 MEGOHMS MIN
- TEMPERATURE DRIFT: .....0.03% PER °C MAX
- LOAD VOLTAGE REGULATION: .....±10%
- SHORT-CIRCUIT DURATION: .....10 SECONDS
- OPERATING TEMPERATURE RANGE: .....-25°C TO 80°C
- STORAGE TEMPERATURE RANGE: .....-55°C TO 110°C
- EFFICIENCY: .....80% APPROX.

STOCK NO.	INPUT VOLTAGE	OUTPUT VOLTAGE	OPTIMUM OUTPUT CURRENT (EACH OUTPUT) mA	PACKAGE	PRICE EACH			
					1	10	25	50
ME 461-NMA0512D	5 ± 10%	±12 ± 5%	30	DIP 14	15.99	14.99	14.29	CALL FOR QUOTE
ME 461-NMA0512S	5 ± 10%	±12 ± 5%	30	SIP 6	15.99	14.99	14.29	
ME 461-NMA1205S	12 ± 10%	±5 ± 5%	75	SIP 6	15.99	14.99	14.29	
ME 461-NMA1212S	12 ± 10%	±12 ± 5%	30	SIP 6	15.99	14.99	14.29	
ME 461-NMA1215S	12 ± 10%	±15 ± 5%	25	SIP 6	15.99	14.99	14.29	

### SINGLE-IN-LINE PACKAGE (SIP)



### DUAL-IN-LINE PACKAGE (DIP)





# MOUSER® Audio Transformers

PIN BOBBIN TRANSFORMERS ARE EXCELLENT FOR PRINTED CIRCUIT APPLICATIONS. THEY FEATURE SOLID PC MOUNTING PINS WHICH ARE MOLDED INTO THE TRANSFORMER BOBBIN. THIS FEATURE PROVIDES A SECURE AND STABLE PC MOUNTING METHOD AND PRECISE LEAD SPACING. THE ENCAPSULATED TYPE ARE A BLACK EPOXY THAT ALLOWS THE TRANSFORMER TO OPERATE AT HIGHER TEMPERATURES.

## SHIELDED PLUG-IN TRANSFORMERS

EPOXY ENCAPSULATION ALLOWS THE TRANSFORMER TO OPERATE AT HIGHER TEMPERATURES. SHIELDING REDUCES STRAY MAGNETIC AND ELECTROSTATIC FIELDS.

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
ME429-7201	1	500 CT	8 CT	35	1	OUTPUT	3.29	2.52	2.28	CALL FOR QUOTE
ME429-7209	1	500 CT	500 CT	40	38	INTERSTAGE	3.29	2.52	2.28	CALL FOR QUOTE
ME429-7216	1	600 CT	600 CT	65	55	COUPLING	3.29	2.52	2.28	CALL FOR QUOTE
ME429-7202	1	10K CT	2K CT	500	200	DRIVER	3.29	2.52	2.28	CALL FOR QUOTE
ME429-7218	1	10K CT	10K CT	440	400	INTERSTAGE	3.29	2.52	2.28	CALL FOR QUOTE

## PLUG-IN AUDIO TRANSFORMERS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
ULTRA-MINIATURE STANDARD (CORE TYPE E1-14)										
42XL016	2	600 CT	600 CT	65	55	COUPLING	1.99	1.53	1.37	CALL FOR QUOTE
42XL002	2	10K CT	2K CT	500	200	DRIVER	1.99	1.53	1.37	
42XL013	2	1K CT	8 CT	60	1	OUTPUT	1.99	1.53	1.37	
42XL001	2	500 CT	8 CT	35	1	OUTPUT	1.99	1.53	1.37	
42XL009	2	500 CT	500 CT	40	38	INTERSTAGE	1.99	1.53	1.37	
42XL003	2	1.2K CT	8 CT	80	1	OUTPUT	1.99	1.53	1.37	
ULTRA-MINIATURE ENCAPSULATED (CORE TYPE E1-14)										
42LL016	3	600 CT	600 CT	65	55	COUPLING	2.99	2.29	2.07	CALL FOR QUOTE
42LL002	3	10K CT	2K CT	500	200	DRIVER	2.99	2.29	2.07	
42LL013	3	1K CT	8 CT	60	1	OUTPUT	2.99	2.29	2.07	
42LL001	3	500 CT	8 CT	35	1	OUTPUT	2.99	2.29	2.07	
42LL009	3	500 CT	500 CT	40	38	INTERSTAGE	2.99	2.29	2.07	
42LL003	3	1.2K CT	8 CT	80	1	OUTPUT	2.99	2.29	2.07	
SUB-MINIATURE ENCAPSULATED (CORE TYPE E1-19)										
42LM016	4	600 CT	600 CT	65	55	COUPLING	2.99	2.30	2.09	CALL FOR QUOTE
42LM009	4	500 CT	500 CT	50	40	INTERSTAGE	2.99	2.30	2.09	
42LM011	4	1.5K CT	500 CT	120	50	INTERSTAGE	2.99	2.30	2.09	
42LM013	4	1 CT	8 CT	75	1	OUTPUT	2.99	2.30	2.09	
42LM002	4	10 CT	2K CT	600	155	DRIVER	2.99	2.30	2.09	
42LM004	4	200 CT	8 CT	12	1	OUTPUT	2.99	2.30	2.09	CALL FOR QUOTE
42LM003	4	1.2K CT	8 CT	80	1	OUTPUT	2.99	2.30	2.09	
42LM019	4	10 CT	600 CT	600	100	COUPLING	2.99	2.30	2.09	
42LM006	4	20 CT	1K CT	900	70	INTERSTAGE	2.99	2.30	2.09	
42LM012	4	10 CT	5K CT	900	500	INTERSTAGE	2.99	2.30	2.09	
SUB-MINIATURE STANDARD (CORE TYPE E1-19)										
42XM016	5	600 CT	600 CT	65	55	COUPLING	2.09	1.74	1.59	CALL FOR QUOTE
42XM009	5	500 CT	500 CT	50	40	INTERSTAGE	2.09	1.74	1.59	
42XM011	5	1.5K CT	500 CT	120	50	INTERSTAGE	2.09	1.74	1.59	
42XM013	5	1K CT	8 CT	75	1	OUTPUT	2.09	1.74	1.59	
42XM002	5	10K CT	2K CT	600	155	DRIVER	2.09	1.74	1.59	
42XM004	5	200 CT	8 CT	12	1	OUTPUT	2.09	1.74	1.59	CALL FOR QUOTE
42XM003	5	1.2K CT	8 CT	80	1	OUTPUT	2.09	1.74	1.59	
42XM019	5	10K CT	600 CT	600	100	COUPLING	2.09	1.74	1.59	
42XM006	5	20K CT	1K CT	900	70	INTERSTAGE	2.09	1.74	1.59	
42XM012	5	10K CT	5K CT	900	500	INTERSTAGE	2.09	1.74	1.59	

## ENCAPSULATED AUDIO TRANSFORMERS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
ULTRA-MINIATURE P.C. LEADS (CORE TYPE E1-14)										
42HL001	6	500 CT	8 CT	35	1	OUTPUT	1.36	.99	.89	CALL FOR QUOTE
42HL002	6	10K CT	2K CT	500	200	DRIVER	1.36	.99	.89	
42HL009	6	500 CT	500 CT	40	38	INTERSTAGE	1.36	.99	.89	
42HL013	6	1K CT	8 CT	60	1	OUTPUT	1.36	.99	.89	
42HL016	6	600 CT	600 CT	65	55	COUPLING	1.36	.99	.89	
42HL015	6	15K CT	15 CT	675	2	COUPLING	1.36	.99	.89	
SUB-MINIATURE P.C. LEADS (CORE TYPE E1-19)										
42HM001	7	500 CT	8 CT	26	1	OUTPUT	1.36	.99	.89	CALL FOR QUOTE
42HM002	7	10K CT	2K CT	600	155	DRIVER	1.36	.99	.89	
42HM003	7	1.2K CT	8 CT	80	1	OUTPUT	1.36	.99	.89	
42HM006	7	20K CT	1K CT	900	70	INTERSTAGE	1.36	.99	.89	
42HM009	7	500 CT	500 CT	50	40	INTERSTAGE	1.36	.99	.89	
42HM011	7	1.5K CT	500 CT	120	50	INTERSTAGE	1.36	.99	.89	
42HM013	7	1K CT	8 CT	75	1	OUTPUT	1.36	.99	.89	CALL FOR QUOTE
42HM016	7	600 CT	600 CT	65	55	COUPLING	1.36	.99	.89	

## HIGH VOLTAGE TRIGGER TRANSFORMERS

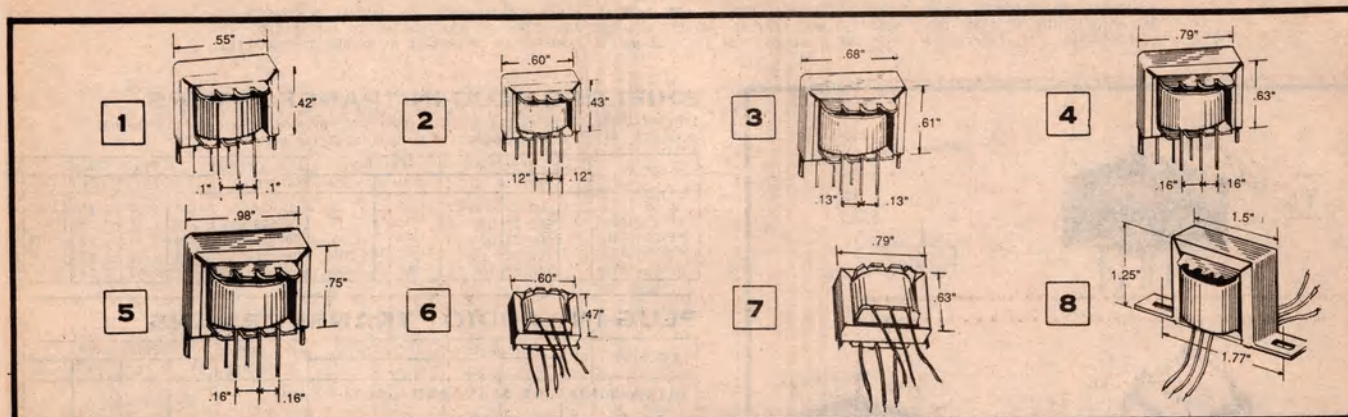
RATED AS BELOW. REFER TO OUR LAMP PAGE FOR FLASH TUBES AND OUR ELECTROLYTIC PAGE FOR PHOTO FLASH CAPACITORS.

STOCK NO.	FIG	INPUT VOLTS	OUTPUT VOLTS	DIMENSIONS (IN)		PRICE EACH			
				H	DIA.	1	10	100	500
42FM401	A	300	4000	.510	.280	1.15	.90	.82	CALL FOR QUOTE
42FM403	B	300	4000	.300	.500	1.36	1.24	1.13	CALL FOR QUOTE
42FM603	C	300	6000	.650	.87	1.63	1.49	1.32	CALL FOR QUOTE
42FM602	D	300	6000	.680	.550	1.30	1.18	.99	CALL FOR QUOTE
42FM901	C	300	10000	.315	.700	1.59	1.45	1.32	CALL FOR QUOTE

CONVENIENT "SCHEDULED DELIVERIES"



# MOUSER® Audio Transformers



## MICRO-MINI P.C. LEADS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
(CORE TYPE E1-12)										
42TC001	1	500 CT	8 CT	44	1	OUTPUT	2.16	1.80	1.63	CALL FOR QUOTE
42TC016	1	600 CT	600 CT	68	55	COUPLING	2.16	1.80	1.63	CALL FOR QUOTE
42TC013	1	1K CT	8 CT	55	1	OUTPUT	2.16	1.80	1.63	CALL FOR QUOTE
42TC002	1	10K CT	2K CT	325	200	DRIVER	2.16	1.80	1.63	CALL FOR QUOTE

## ULTRA-MINIATURE P.C. LEADS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
.075 WATT MAX OUTPUT (CORE TYPE E1-14)										
42TL004	2	200 CT	8 CT	12	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TL023	2	300 CT	600 CT	30	35	COUPLING	1.23	.99	.79	
42TL001	2	500 CT	8 CT	35	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TL009	2	500 CT	500 CT	40	38	INTERSTAGE	1.23	.99	.79	
42TL026	2	500 CT	16 CT	50	5	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TL016	2	600 CT	600 CT	65	55	COUPLING	1.23	.99	.79	
42TL020	2	600 CT	900 CT	36	50	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TL008	2	800 CT	8 CT	40	1	OUTPUT	1.23	.99	.79	
42TL013	2	1K CT	8 CT	60	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TL027	2	1K CT	2K CT	85	85	COUPLING	1.23	.99	.79	
42TL003	2	1.2K CT	8 CT	80	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TL011	2	1.5K CT	500 CT	120	55	INTERSTAGE	1.23	.99	.79	
42TL022	2	1.5K CT	600 CT	120	55	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TL021	2	4K CT	600 CT	140	62	COUPLING	1.23	.99	.79	
42TL012	2	10K CT	5K CT	900	500	INTERSTAGE	1.23	.99	.86	CALL FOR QUOTE
42TL019	2	10K CT	600 CT	450	100	COUPLING	1.23	.99	.86	
42TL002	2	10K CT	2K CT	500	200	DRIVER	1.23	.99	.86	CALL FOR QUOTE
42TL018	2	10K CT	10K CT	440	400	INTERSTAGE	1.23	.99	.86	
42TL024	2	10K CT	500 CT	550	150	COUPLING	1.23	.99	.86	CALL FOR QUOTE
42TL006	2	20K CT	1K CT	600	100	INTERSTAGE	1.23	.99	.86	
42TL017	2	20K CT	600 CT	1000	80	COUPLING	1.23	.99	.86	CALL FOR QUOTE
42TL025	2	17K CT	1K CT	700	150	COUPLING	1.23	.99	.86	

## SUB-MINIATURE P.C. LEADS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
.100 WATT MAX OUTPUT (CORE TYPE E1-16)										
42MC001	3	500 CT	8 CT	80	3.5	OUTPUT	1.05	.78	.61	CALL FOR QUOTE
42MC009	3	500 CT	500 CT	30	28	INTERSTAGE	1.05	.78	.61	CALL FOR QUOTE
42MC003	3	1.2K CT	8 CT	80	1	OUTPUT	1.05	.78	.61	CALL FOR QUOTE
.200 WATT MAX OUTPUT (CORE TYPE E1-19)										
42TM004	4	200 CT	8 CT	12	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM023	4	300 CT	600 CT	30	55	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TM010	4	350 CT	8 CT	20	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM118	4	400 CT	8 CT	40	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM001	4	500 CT	8 CT	35	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM009	4	500 CT	500 CT	50	40	INTERSTAGE	1.23	.99	.79	CALL FOR QUOTE
42TM026	4	500 CT	16 CT	50	5	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM016	4	600 CT	600 CT	65	55	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TM020	4	600 CT	900 CT	36	50	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TM008	4	800 CT	8 CT	40	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM027	4	1K CT	2K CT	85	85	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TM013	4	1K CT	8 CT	60	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM003	4	1.2K CT	8 CT	80	1	OUTPUT	1.23	.99	.79	CALL FOR QUOTE
42TM011	4	1.5K CT	500 CT	120	50	INTERSTAGE	1.23	.99	.79	CALL FOR QUOTE
42TM022	4	1.5K CT	600 CT	120	55	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TM021	4	4K CT	600 CT	140	60	COUPLING	1.23	.99	.79	CALL FOR QUOTE
42TM114	4	4.6K CT	20 CT	300	2	INPUT	1.23	.99	.86	CALL FOR QUOTE
42TM113	4	8K CT	3K CT	300	200	DRIVER	1.23	.99	.86	CALL FOR QUOTE
42TM024	4	10K CT	500 CT	550	150	COUPLING	1.23	.99	.86	CALL FOR QUOTE
42TM019	4	10K CT	600 CT	450	100	COUPLING	1.23	.99	.86	CALL FOR QUOTE
42TM002	4	10K CT	2K CT	500	200	DRIVER	1.23	.99	.86	CALL FOR QUOTE
42TM012	4	10K CT	5K CT	900	500	INTERSTAGE	1.23	.99	.86	CALL FOR QUOTE
42TM018	4	10K CT	10K CT	450	400	INTERSTAGE	1.23	.99	.86	CALL FOR QUOTE
42TM005	4	20K CT	1K CT	600	100	INTERSTAGE	1.23	.99	.86	CALL FOR QUOTE
42TM017	4	25K CT	600 CT	1000	80	COUPLING	1.23	.99	.86	CALL FOR QUOTE
42TM025	4	50K CT	1K CT	700	150	COUPLING	1.23	.99	.86	CALL FOR QUOTE
42TM117	4	75K CT	1K CT	1000	35	INPUT	1.23	.99	.86	CALL FOR QUOTE

## MINIATURE P.C. LEADS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
.400 WATT MAX OUTPUT (CORE TYPE E1-24)										
42TU048	5	48 CT	8 CT	2.5	.5	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU120	5	120 CT	8 CT	7	.7	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU200	5	200 CT	8 CT	12	.5	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU400	5	500 CT	8 CT	18	.7	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU500	5	500 CT	500 CT	35	28	INTERSTAGE	1.67	1.35	1.21	CALL FOR QUOTE
42TU016	5	600 CT	600 CT	65	55	COUPLING	1.67	1.35	1.21	CALL FOR QUOTE
42TU008	5	800 CT	8 CT	40	1	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU013	5	1K CT	8 CT	75	1	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU003	5	1.2K CT	8 CT	75	1	OUTPUT	1.67	1.35	1.21	CALL FOR QUOTE
42TU011	5	1.5K CT	500 CT	120	50	INTERSTAGE	1.67	1.35	1.21	CALL FOR QUOTE
42TU002	5	10K CT	2K CT	600	155	DRIVER	1.67	1.35	1.21	CALL FOR QUOTE
42TU012	5	10K CT	5K CT	425	220	INTERSTAGE	1.67	1.35	1.21	CALL FOR QUOTE
42TU019	5	10K CT	600 CT	600	100	COUPLING	1.67	1.35	1.21	CALL FOR QUOTE

## ULTRA-MINIATURE LEAD TYPE

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
.075 WATT MAX OUTPUT (CORE TYPE E1-14)										
42KL001	6	500 CT	8 CT	36	1	DRIVER	1.10	.84	.77	CALL FOR QUOTE
42KL002	6	10K CT	2K CT	600	200	DRIVER	1.10	.84	.77	

## SUB-MINIATURE LEAD TYPE

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
200 WATT MAX OUTPUT (CORE TYPE E1-19)										
42KM001	7	500 CT	8 CT	35	1	OUTPUT	1.31	1.03	.87	CALL FOR QUOTE
42KM008	7	800 CT	8 CT	40	1	OUTPUT	1.31	1.03	.87	
42KM014	7	1K CT	8 CT	40	1	OUTPUT	1.31	1.03	.87	
42KM003	7	1.2K CT	8 CT	80	1	OUTPUT	1.31	1.03	.87	
42KM002	7	10K CT	2K CT	500	200	DRIVER	1.31	1.03	.87	
42KM019	7	20K CT	4 CT	1000	.5	OUTPUT	1.31	1.03	.87	
42KM006	7	20K CT	1K CT	600	100	DRIVER	1.31	1.03	.87	
42KM115	7	50K CT	1K CT	1000	60	INPUT	1.31	1.03	.87	
2 WATT MAX OUTPUT (CORE TYPE E1-35)										
42KF500	8	5K CT	8 CT	370	1	OUTPUT	4.32	3.60	3.22	

## AUDIO TRANSFORMERS WITH DUAL SECONDARIES PC LEADS

STOCK NO.	FIG	IMPEDANCE		RESISTANCE		APPLICATION (TYPICAL)	PRICE EACH			
		PRIM.	SEC.	PRIM.	SEC.		1	10	100	500
ULTRA-MINIATURE PC LEAD TYPE .075 WATT MAX OUTPUT (CORE TYPE E1-14)										
42TL028	2	600 CT	600/600	78	65/60	COUPLING	1.23	.99	.86	CALL FOR QUOTE
SUB-MINIATURE PC LEAD TYPE										
42TM028	4	600 CT	600/600	78	65/60	COUPLING	1.23	.99	.86	CALL FOR QUOTE

## AUDIO TRANSFORMER KIT



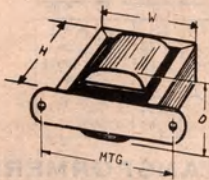
18 DIFFERENT TRANSFORMERS, ONE EACH OF THE MOST POPULAR. FROM THE 42TM, .200W AUDIO SERIES.

STOCK NO.	PRICE EACH
37-42TM-1	9.95



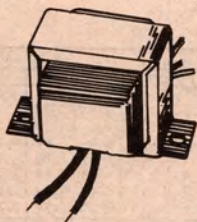
# MOUSER® Power Transformers

ALL HAVE PRIMARIES OF 115V, 60Hz, WITH OUTPUTS AS SHOWN BELOW. 6" LEADS ARE COLOR CODED FOR EASY IDENTIFICATION. PRIMARY: BLACK. SECONDARY: RED/WHITE/RED.



DIMENSIONS ARE SHOWN IN TABLE AT RIGHT.

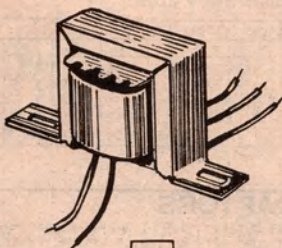
H- (HEIGHT)  
D- (DEPTH)  
W- (WIDTH)  
MTG- (MOUNTING HOLE SPACING)



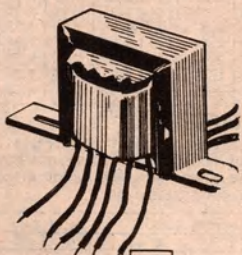
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2



3



4

- FULL LOAD VOLTAGE TOLERANCE:  $\pm 2\%$
- VOLTAGE REGULATIONS: 15%
- HI-POT TEST VOLTAGE: 1500 VAC, 60 Hz FOR 60 SEC.
- COIL TO COIL INSULATION: 200 MEG OHMS @ 500 VDC



## UL POWER TRANSFORMERS

UL FILE NUMBER: E93874

STOCK NO.	FIG.	SECONDARIES		DIMENSIONS (INCHES)				PRICE EACH			
		VOLTS	AMPS	H	W	D	MTG.	1	10	100	500
41LF100	1	10CT	.1	1.25	1.50	1.30	1.80	1.98	1.65	1.50	CALL FOR QUOTE
41LF010	1	10CT	1.0	1.90	2.35	2.10	2.82	4.52	3.77	3.42	
41LF020	1	10CT	2.0	1.90	2.35	2.10	2.82	6.53	5.45	4.95	
41LG010	1	12.6CT	1.0	1.75	2.00	2.10	2.40	6.90	5.75	5.23	
41LG015	1	12.6CT	1.5	1.90	2.35	2.10	2.82	8.79	7.33	6.66	
41LG030	1	12.6CT	3.0	2.25	2.70	2.82	3.15	14.40	13.09	11.90	
41LG050	1	12.6CT	5.0	2.60	3.10	3.15	3.60	21.89	19.77	17.97	
41LJ015	1	18.0CT	1.5	1.90	2.35	2.10	2.82	8.90	7.41	6.74	
41LK100	1	25.2CT	.1	1.50	1.75	1.55	2.10	3.24	2.70	2.45	
41LK200	1	25.2CT	.2	1.50	1.75	1.75	2.10	4.75	3.96	3.60	
41LK600	1	25.2CT	.6	1.70	2.00	2.10	2.40	6.53	5.45	4.95	
41LK010	1	25.2CT	1.0	2.00	2.50	2.25	2.75	8.90	7.41	6.74	
41LK015	1	24.0CT	1.5	1.90	2.35	2.10	2.82	8.53	7.11	6.46	
41LK020	1	24.0CT	2.0	2.25	2.70	2.82	2.80	14.99	13.65	12.41	

## DUAL SECONDARIES POWER TRANSFORMERS

STOCK NO.	FIG.	DUAL SECONDARIES		DIMENSIONS (INCHES)				PRICE EACH			
		VOLTS	AMPS	H	W	D	MTG.	1	10	100	500
41HG100	2	12.6 CT	.1	1.25	1.5	1.2	1.8	3.66	3.05	2.77	CALL FOR QUOTE
41HG300	2	12.6 CT	.3	1.65	2.0	1.85	2.35	5.40	4.50	4.09	
41HG010	2	12.6 CT	1.0	1.9	2.35	2.1	2.82	10.39	8.66	7.87	
41HK200	2	24 CT	.2	1.65	2.0	1.85	2.35	5.63	4.70	4.27	
41HK010	2	24 CT	1.0	2.25	2.7	2.82	3.15	15.36	13.96	12.67	

## HEAVY DUTY POWER TRANSFORMERS

STOCK NO.	FIG.	SECONDARIES		DIMENSIONS (INCHES)				PRICE EACH			
		VOLTS	AMPS	H	W	D	MTG.	1	10	100	500
41FD200	3	6.3CT	.2	1.30	1.50	1.10	1.90	3.53	2.94	2.57	CALL FOR QUOTE
41FD300	3	6.3CT	.3	1.50	1.75	1.30	2.10	3.85	3.21	2.92	
41FD600	3	6.3CT	.6	1.70	2.00	1.60	2.35	4.07	3.39	3.08	
41FD010	3	6.3CT	1.0	1.90	2.00	1.75	2.80	4.36	3.94	3.35	
41LD010	1	6.3CT	1.0	1.65	2.00	1.90	2.10	6.34	5.28	4.80	
41FD030	3	6.3CT	3.0	1.95	2.50	1.95	2.80	6.46	5.54	4.65	
41LF100	1	10CT	.1	1.25	1.50	1.20	1.80	2.25	1.88	1.71	
41LF300	1	10CT	.3	1.50	1.70	1.40	2.10	3.44	2.90	2.64	
41LF010	1	10CT	1.0	1.90	2.35	2.10	2.82	5.19	4.33	3.93	
41LF020	1	10CT	2.0	1.90	2.35	2.10	2.82	7.51	6.26	5.69	
41LG100	1	12.6CT	.1	1.25	1.5	1.2	1.8	3.25	2.71	2.46	
41FG100	3	12.6CT	.1	1.25	1.50	1.00	1.90	2.72	2.27	1.99	
41FG200	3	12.6CT	.2	1.25	1.50	1.25	1.90	2.99	2.52	2.29	
41FG300	3	12.6CT	.3	1.65	1.75	1.55	2.10	3.34	2.78	2.53	
41LG300	1	12.6CT	.3	1.50	1.75	1.55	2.05	3.91	3.26	2.96	
41FG600	3	12.6CT	.6	1.65	2.10	1.50	2.30	4.44	3.75	3.41	
41LG600	1	12.6CT	.6	1.75	2.00	1.90	2.40	5.10	4.25	3.86	
41FG010	3	12.6CT	1.0	1.75	2.10	1.60	2.30	4.83	4.24	3.74	
41LG015	1	12.6CT	1.5	1.90	2.35	2.10	2.82	8.79	7.33	6.66	
41FG020	3	12.6CT	2.0	2.00	2.35	2.10	2.90	8.48	7.06	6.41	
41LG030	1	12.6CT	3.0	2.25	2.70	2.82	3.15	14.40	13.09	11.90	
41LG050	1	12.6CT	5.0	2.60	3.10	3.15	3.60	21.89	19.77	17.97	
41FJ100	3	18.0CT	.1	1.50	1.70	1.40	2.10	3.12	2.60	2.37	
41FJ200	3	18.0CT	.2	1.50	1.70	1.40	2.10	3.74	3.11	2.84	
41FJ300	3	18.0CT	.3	1.50	1.70	1.40	2.10	3.96	3.30	3.00	
41FJ600	3	18.0CT	.6	1.75	2.00	1.60	2.40	5.63	4.69	4.26	
41FJ010	3	18.0CT	1.0	1.95	2.40	1.65	2.90	6.99	5.99	5.45	
41FJ020	3	18.0CT	2.0	2.25	2.63	2.25	3.20	8.13	6.78	6.16	
41FK100	3	24.0CT	.1	1.40	1.75	1.30	2.10	3.55	2.96	2.69	
41FK200	3	24.0CT	.2	1.50	1.75	1.40	2.10	3.74	2.99	2.83	
41FK300	3	24.0CT	.3	1.69	1.97	1.50	2.48	4.36	3.63	3.30	
41FK600	3	24.0CT	.6	1.70	2.00	1.70	2.30	6.46	5.38	4.89	
41FK010	3	24.0CT	1.0	1.95	2.35	1.90	2.80	7.19	5.99	5.45	
41LK015	1	24.0CT	1.5	1.90	2.35	2.10	2.82	8.53	7.11	6.46	
41LK020	1	24.0CT	2.0	2.25	2.70	2.82	2.80	14.99	13.65	12.41	
41LK100	1	25.2CT	.1	1.50	1.75	1.55	2.10	3.24	2.70	2.45	
41LK200	1	25.2CT	.2	1.50	1.75	1.75	2.10	4.75	3.96	3.60	
41LK600	1	25.2CT	.6	1.70	2.00	2.10	2.40	6.53	5.45	4.95	
41LK010	1	25.2CT	1.0	2.00	2.50	2.25	2.40	8.90	7.41	6.74	

## MULTI-TAPPED POWER TRANSFORMERS

PRIMARY RATING 115/220, 50/60 Hz. SECONDARY VOLTAGES ARE AS SHOWN. LEADS ARE 6" LONG AND COLOR CODED FOR EASY IDENTIFICATION. THE SECONDARY COMMON IS BLACK.

STOCK NO.	FIG.	SECONDARY (60Hz)		DIMENSIONS (INCHES)				PRICE EACH			
		VOLTS	AMPS	H	W	D	MTG.	1	10	100	500
41FW300	4	12.0	.3	1.375	1.75	1.375	2.05	3.32	2.98	2.63	CALL FOR QUOTE
		9.0	.3								
		6.0	.3								
		4.5	.3								
		3.0	.3								

ORDER BY PHONE, FAX, TELEX, OR MAIL

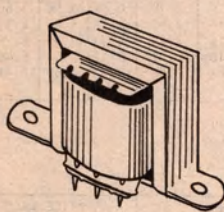
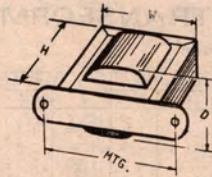


# MOUSER® Power Transformers & AC Adaptors

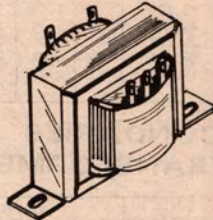
ALL HAVE PRIMARIES OF 115V, 60Hz, WITH OUTPUTS AS SHOWN BELOW. FOR USE IN POWER SUPPLIES, INSTRUMENTS AND CONTROL APPLICATIONS.

H-(HEIGHT)  
D-(DEPTH)  
W-(WIDTH)  
MTG.-(MOUNTING HOLE SPACING)

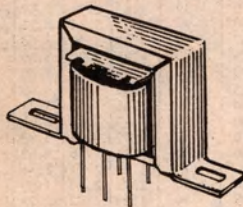
DIMENSION GUIDE FOR ALL TRANSFORMERS ON THIS PAGE.



1



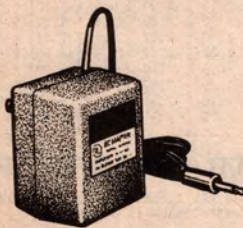
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5



6

## PLUG IN POWER TRANSFORMERS

- FULL LOAD VOLTAGE TOLERANCE:  $\pm 2\%$
- VOLTAGE REGULATION:  $15\%$
- HI-POT TEST VOLTAGE: 1500VAC, 60Hz FOR 60 SEC.
- COIL TO COIL INSULATION: 200,000,000 OHMS @ 500VDC

STOCK NO.	FIG.	SECONDARIES VOLTS AMPS	DIMENSIONS (IN)				PRICE EACH			
			H	W	D	MTG.	1	10	100	500
41WD010	1	6.3 CT 1.0	1.65	2.0	1.25	2.35	4.76	3.97	3.61	CALL FOR QUOTE
41WG100	1	12.6 CT .1	1.25	1.5	1.0	1.8	3.94	3.28	2.98	
41WG300	1	12.6 CT .3	1.65	1.7	1.1	2.05	5.25	4.38	3.98	
41WG010	1	12.6 CT 1.0	1.65	2.0	1.25	2.35	7.76	6.48	5.89	
41WJ300	1	18 CT .3	1.65	1.7	1.1	2.05	5.20	4.33	3.94	
41WK200	1	24 CT .2	1.65	1.7	1.1	2.05	3.73	3.11	2.82	
41WK600	1	24 CT .6	1.65	2.0	1.25	2.3	7.78	6.47	5.89	

## HEAVY DUTY POWER TRANSFORMERS WITH SOLDER LUG TERMINALS

FOR USE IN POWER SUPPLIES, INSTRUMENTS, AND CONTROL APPLICATIONS. ALL LEADS HAVE PRIMARIES OF 115V, 60Hz WITH OUTPUTS AS SHOWN BELOW.

- FULL LOAD VOLTAGE TOL:  $\pm 2\%$
- VOLTAGE REGULATION:  $<15\%$
- HI-POT TEST VOLTAGE: 1500VAC, 60Hz FOR 60 SEC.
- COIL TO COIL INSULATION: 200,000,000 OHMS @ 500VDC.

STOCK NO.	FIG.	SECONDARIES VOLTS AMPS	DIMENSIONS (INCHES)				PRICE EACH			
			H	W	D	MTG.	1	10	100	500
41CD010	2	6.3 CT 1.0	1.9	2.0	1.75	2.8	6.40	5.34	4.85	CALL FOR QUOTE
41CG100	2	12.6 CT .1	1.25	1.5	1.0	1.9	3.79	3.16	2.87	
41CG300	2	12.6 CT .3	1.65	1.75	1.55	2.3	4.99	4.16	3.78	
41CG010	2	12.6 CT 1.0	1.75	2.1	1.6	2.3	6.80	5.66	5.15	
41CG020	2	12.6 CT 2.0	2.0	2.35	2.1	2.9	7.07	5.89	5.36	
41CK200	2	24.0 CT .2	1.5	1.75	1.4	2.1	4.13	3.44	3.20	
41CK600	2	24.0 CT .6	1.7	2.0	1.7	2.3	6.05	5.53	4.59	
41CK010	2	24.0 CT 1.0	1.95	2.35	1.9	2.8	9.60	7.94	7.22	

## PC MOUNTING POWER TRANSFORMERS

- FULL LOAD VOLTAGE TOL:  $\pm 2\%$
- VOLTAGE REGULATION:  $<15\%$
- HI-POT TEST VOLTAGE: 1500VAC, 60Hz FOR 60 SEC.
- COIL TO COIL INSULATION: 200,000,000 OHMS @ 500VDC.

STOCK NO.	FIG.	SEC. (60Hz) VOLTS AMPS	DIMENSIONS (INCHES)				PRICE EACH			
			H	W	D	MTG.	1	10	100	500
41PG006	3	12.6 CT .06	1.05	1.175	1.0	1.65	2.61	2.18	1.98	CALL FOR QUOTE
41PG100	3	12.0 CT .12	1.25	1.5	1.05	1.9	2.89	2.41	2.19	
41PG300	3	12.6 CT .3	1.5	1.75	1.25	2.05	2.11	1.75	1.60	
41PG600	3	12.6 CT .6	1.75	2.0	1.5	2.36	4.28	3.75	3.41	
41PK100	3	24.0 CT .1	1.5	1.75	1.25	2.05	2.99	2.47	2.15	
41PK200	3	24.0 CT .2	1.5	1.75	1.25	2.05	3.93	3.11	2.96	
41PK600	3	24.0 CT .6	1.75	2.0	1.8	2.4	5.35	4.60	4.18	

## POWER TRANSFORMERS WITH DUAL SECONDARIES

ALL LEADS HAVE PRIMARIES OF 115V, 60Hz WITH OUTPUTS AS SHOWN BELOW. 6" LEADS ARE COLOR CODED FOR EASY IDENTIFICATION. PRIMARY: BLACK SECONDARIES: RED/WHITE/RED, GREEN/BLK/GREEN. ALL LEADS ARE STRIPPED AND TINNED.

- FULL LOAD VOLTAGE TOLERANCE:  $\pm 2\%$
- VOLTAGE REGULATION:  $<15\%$
- HI-POT TEST VOLTAGE: 1500VAC, 60Hz FOR 60 SEC.
- COIL TO COIL INSULATION: 200,000,000 OHMS @ 500VDC

STOCK NO.	FIG.	DUAL SEC. VOLTS AMPS	DIMENSIONS (INCHES)				PRICE EACH			
			H	W	D	MTG.	1	10	100	500
41HG100	4	12.6 CT .1	1.25	1.5	1.2	1.8	3.66	3.05	2.77	CALL FOR QUOTE
41HG300	4	12.6 CT .3	1.65	2.0	1.85	2.35	5.40	4.50	4.09	
41HG010	4	12.6 CT 1.0	1.9	2.35	2.1	2.82	10.39	8.66	7.87	
41HK200	4	24 CT .2	1.65	2.0	1.85	2.35	5.63	4.70	4.27	
41HK010	4	24 CT 1.0	2.25	2.7	2.82	3.15	15.36	13.96	12.69	

## AC TO DC WALL ADAPTORS

ADAPTORS PLUG INTO STANDARD 115VOLT OUTLET. OUTPUT RATING IS AS SHOWN IN TABLE. OUTPUT IS THROUGH A 6-FOOT CORD WITH MOLDED, MINIATURE PHONE PLUG.

STOCK NO.	FIG.	DESIGN OUTPUT RATING	PLUG DIA.	DIMENSIONS (INS)			PRICE EACH			
				H	W	D	1	10	100	500
41AC203	5	3VDC/50MA	2.5mm	1.87	1.46	1.36	9.90	8.25	7.50	CALL FOR QUOTE
41AC106	5	6VDC/100MA	3.5mm	2.20	1.75	1.45	4.95	4.25	3.90	
41AC115	5	6VDC/200MA	3.5mm	2.37	2.0	1.70	6.25	5.60	4.99	
41AC109	5	9VDC/100MA	3.5mm	2.20	1.75	1.45	4.95	4.25	3.90	
41AC114	5	9VDC/200MA	3.5mm	2.37	2.0	1.70	6.25	5.60	4.99	
41AC112	5	12VDC/100MA	2.5mm	2.20	1.75	1.45	4.95	4.25	3.90	
41AC113	5	12VDC/200MA	2.5mm	2.37	2.0	1.70	6.25	5.60	4.99	

## AC/DC ADAPTOR/CHARGER

FOR USE WITH ALL TYPES OF RADIOS, CALCULATORS AND CASSETTE RECORDERS. PLUGS INTO STANDARD 115VOLT OUTLET. OUTPUT IS THROUGH 6-FOOT CORD WITH MOLDED, MINIATURE 4-WAY JACK WHICH HAS 2.5mm AND 3.5mm PHONE PLUGS, AND 2.1mm AND 2.5mm DC PLUGS • SWITCHABLE FOR AC 110/220V 50/60Hz INPUT

STOCK NO.	FIG.	DESIGN OUTPUT RATING	DIMENSIONS (INS)			PRICE EACH			
			H	W	D	1	10	100	500
41AC116	6	3, 4.5, 6, 9, AND 12VDC/300MA	2.3	2.0	1.7	6.79	6.17	5.61	CALL FOR QUOTE

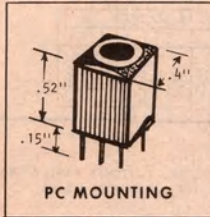


# Transformers

## MOUSER® HIGH QUALITY I-F TRANSFORMERS

455KHz (10 MM)

HIGH QUALITY IF TRANSFORMERS WITH GREATER ACCURACY FOR POPULAR TYPES AND USES.



PC MOUNTING

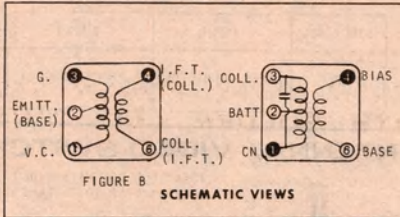


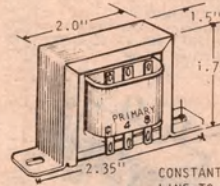
FIGURE B SCHEMATIC VIEWS

### GENERAL CHARACTERISTICS

INSULATING RESISTANCE...100MΩ @ 100VDC BETWEEN COIL-COIL & COIL-CASE  
VIBRATING TEST.....INDUCTANCE DEVIATION WITHIN +1% AFTER 1 HOUR  
HUMIDITY TEST.....INDUCTANCE DEVIATION WITHIN +1% & LOWERING  
OF Q WITHIN 20% AFTER 96 HOURS OF 90-95%  
RELATIVE HUMIDITY AT 40°C.

STOCK NO.	IMPEDANCE PRI : SEC	APPLICATION	COLOR	SCHEM.	TURNS RATIO PRI:SEC	PRICE EACH			
						1	10	100	500
42IF300	OSC.	TUNING	RED	B	12:1	.74	.57	.52	CALL FOR QUOTE
42IF301	50K:500	1ST IF	YELLOW	A	22:1	.74	.57	.52	CALL FOR QUOTE
42IF302	30K:500	2ND IF	WHITE	A	22:1	.74	.57	.52	CALL FOR QUOTE
42IF303	20K:5K	3RD IF	BLACK	A	6:1	.74	.57	.52	CALL FOR QUOTE

## AUDIO LINE MATCHING TRANSFORMERS

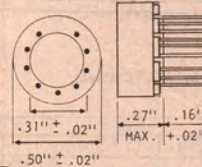


CONSTANT VOLTAGE  
LINE-TO-VOICE COIL.

- MATCHES 4 OR 8 OHM SPEAKERS TO 70 VOLT LINE
- TAPS AT 10, 5, 2.5, 1.25 AND .625 WATTS
- 100 Hz TO 10KHz RESPONSE
- SOLDER LUG TERMINATION

STOCK NO.	VOLTS	IMPEDANCE	(WATTS) OUTPUT	PRICE EACH			
				1	10	100	500
42KB001	70	4 OR 8	.625 TO 10	4.32	3.60	3.22	CALL FOR QUOTE

## MOUSER® DC TO DC CONVERTER COILS



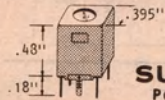
- FOR USE IN DIGITAL APPLICATIONS

### FEATURES

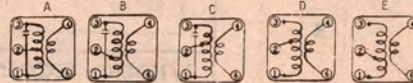
- EFFICIENCY: 70%
- LONG LIFE
- SPACE SAVING SIZE

STOCK NO.	VOLTS IN	VOLTS OUT	PRICE EACH			
			1	10	100	500
ME412-1042	+3 - +4.6	-15 @ 25mA	1.49	.99	.91	CALL FOR QUOTE
ME412-1057	+4.5	+9	1.49	.99	.91	CALL FOR QUOTE

## I-F TRANSFORMERS



SUB-MINIATURE  
PC MOUNTING (10 MM)



SCHEMATIC VIEWS  
OF CONNECTIONS  
(BOTTOM)

MICRO-MINIATURE  
PC MOUNTING (7 MM)



STOCK NO.	IMPEDANCE PRI:SEC	APPLICATION	COLOR	SCHEM.	TURNS RATIO PRI:SEC	PRICE EACH				
						1	10	100	500	
455 KHz										
42IF100	OSC.	TUNING	RED	D	12:1	.56	.44	.40	CALL FOR QUOTE	
42IF109	OSC.	TUNING	RED	D	15:1	.56	.44	.40		
42IF110	OSC.	TUNING	RED	D	38:1	.56	.44	.40		
42IF101	50K:500	1ST IF	YELLOW	B	22:1	.56	.44	.40		
42IF102	30K:500	2ND IF	WHITE	A	22:1	.56	.44	.40	CALL FOR QUOTE	
42IF103	20K: 5K	3RD IF	BLACK	A	6:1	.56	.44	.40		
10.7 MHz										
42IF121	OSC.	TUNING	VIOLET	F	3:1	.53	.44	.40		CALL FOR QUOTE
42IF122	15K:300	2ND & 3RD IF	BRNBLU	A	11:1	.53	.44	.40		
42IF129	15K:300	2ND & 3RD IF	BLUE	C	12:1	.53	.44	.40		
42IF127	15K:300	2ND & 3RD IF	ORANGE	B	14:1	.53	.44	.40		
42IF123	25K: 1K	1ST IF	GREEN	B	7:1	.53	.44	.40	CALL FOR QUOTE	
42IF126	25K: 1K	1ST IF	GREEN	C	8:1	.53	.44	.40		
42IF128	25K: 1K	1ST IF	GREEN	B	8:1	.53	.44	.40		
VARIABLE FREQUENCY (CAPACITOR-LESS)										
42IF104	50K:500	1ST IF	YELLOW	E	22:1	.56	.44	.40	CALL FOR QUOTE	
42IF105	30K:500	2ND IF	WHITE	D	22:1	.56	.44	.40		
42IF106	20K: 5K	3RD IF	BLACK	D	6:1	.56	.44	.40		
42IF124	15K:300	2ND & 3RD IF	ORANGE	D	11:1	.56	.44	.40		

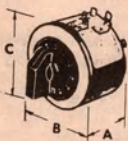
STOCK NO.	IMPEDANCE PRI : SEC	APPLICATION	COLOR	SCHEM	TURNS RATIO PRI:SEC	PRICE EACH			
						1	10	100	500
455 KHz									
42IF200	OSC.	TUNING	RED	D	12:1	.83	.63	.58	CALL FOR QUOTE
42IF201	50K:500	1ST IF	YELLOW	B	22:1	.83	.63	.58	
42IF202	30K:500	2ND IF	WHITE	A	22:1	.83	.63	.58	
42IF203	20K:5K	3RD IF	BLACK	D	6:1	.83	.63	.58	
10.7 MHz									
42IF222	1K:300	2ND & 3RD IF	ORANGE	A	11:1	.93	.71	.65	
42IF223	25K:1K	1ST IF	GREEN	B	7:1	.93	.71	.65	
VARIABLE FREQUENCY (CAPACITOR-LESS)									
42IF224	15K:300	2ND & 3RD IF	ORANGE	D	11:1	.83	.63	.58	CALL FOR QUOTE
42IF225	25K:1K	1ST IF	GREEN	E	7:1	.83	.63	.58	

### I-F-T COIL (10 MM)

STOCK NO.	TYPE	APPLICATION	COLOR	SCHEM.	TURNS RATIO PRI:SEC	PRICE EACH			
						1	10	100	500
42IF140	---	NETWORK	YELLOW	H	5:1	.53	.44	.40	CALL FOR QUOTE
42IF142	---	NETWORK	PINK	G	9:1	.53	.44	.40	CALL FOR QUOTE



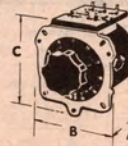
## VARIABLE TRANSFORMERS AC Voltage Controls



1



2



3



4



5

- ALL ARE RATED AT 120VAC, INPUT AT 50-60Hz

STACO VARIABLE TRANSFORMERS PROVIDE THE MEANS TO CONTROL VOLTAGE, CURRENT, POWER, HEAT, SPEED, LIGHT AND ELECTROMECHANICAL FORCE IN MANY INDUSTRIAL APPLICATIONS.

STOCK NO.	FIG	OUTPUT		DIMENSIONS			PRICE EACH		
		AMPS	VOLTS	A	B	C	1	5	10
563-171	1	1.75	0-120/132	1 7/8"	3 5/32"	2 13/16"	32.72	31.67	30.61
563-291	1	3.00	0-120/132	2 5/16"	3 5/32"	2 13/16"	40.35	39.05	37.74
563-501	2	5.00	0-120/140	3 5/16"	3 3/4"	5 5/32"	59.97	58.04	56.10
563-1010	3	10.00	0-120/140	4 5/32"	4 3/8"	5 19/32"	75.24	72.81	70.38
563-3PN501	4	5.00	0-120/140	4 15/32"	6 1/16"	5 3/8"	104.16	100.80	97.44
563-3PN1010	5	10.00	0-120/140	7 5/8"	5 "	4 7/16"	115.58	111.86	108.13

"WE STOCK"



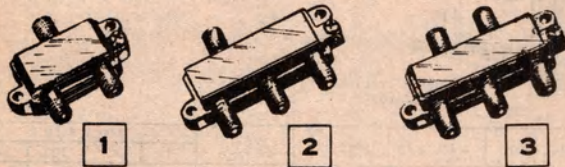
# Video and R.F. Accessories

## UHF/ VHF/ FM DIECAST SPLITTERS

SPLIT ONE SIGNAL TO 2, 3, OR 4 OUTPUTS FOR USE OF ADDITIONAL EQUIPMENT. STANDARD "F" COAXIAL CONNECTORS FOR EASY ASSEMBLY.

### SPECIFICATIONS

- BANDWIDTH: 5-900 MHZ
- IMPEDANCE: 75 OHMS
- ISOLATION(OUTPUT TO OUTPUT) VHF 25 db, UHF 20 db
- RETURN LOSS: VHF 20 db, UHF 15 db



STOCK NO.	FIG.	NO. OF OUTPUTS	SPLITTER LOSS db MAX.	PRICE EACH			
				1	10	50	100
43RF002	1	2	3.5	3.99	3.07	2.79	CALL FOR QUOTE
43RF003	2	3	3.5 (1 OUTPUT)	5.99	4.61	4.19	
43RF004	3	4	7.0 (2 OUTPUTS)	6.99	5.38	4.89	

## TRANSFORMER

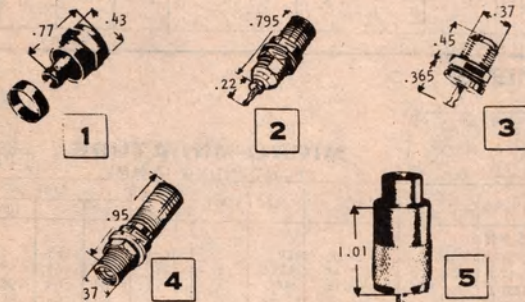


### TV/FM MATCHING

PERMITS USE OF 75 OHM COAX CABLE WHICH IS MORE RESISTANT TO INTERFERENCE THAN 300 OHM TWIN LEAD.

STOCK NO.	PRICE EACH			
	1	10	100	500
42FA300	1.42	1.19	1.03	CALL FOR QUOTE

## R.F. CONNECTORS



STOCK NO.	FIG	DESCRIPTION	PRICE EACH			
			1	10	100	500
17PF059	1	MATV/CATV, FOR RG-59/U	.49	.33	.30	CALL FOR QUOTE
16SF061	2	CATV, FRONT MT. .380" MTG HOLE	.71	.47	.43	
16SF062	3	CATV, REAR MT. .380" MTG HOLE	.63	.42	.38	
16SF081	4	MATV/CATV, THRU-CHASSIS CONNECTOR	.72	.55	.50	
17PL259	5	PL-259-CABLE CONNECTOR	1.82	1.38	1.27	

## COAX-CABLE SWITCH

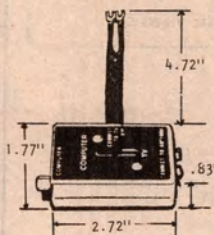
THIS TWO WAY SWITCH ALLOWS YOU TO SELECT EITHER OF TWO SOURCES. THIS PROVIDES A CONVENIENT WAY TO SWITCH YOUR VCR, CATV, OR VIDEO GAME TO YOUR TV.



STOCK NO.	INPUT	OUTPUT	PRICE EACH			
			1	5	10	25
10AB075	2-F61 CONNECTORS	1-F61 CONNECTOR	3.95	3.16	2.84	CALL FOR QUOTE

## ANTENNA/ VIDEO SWITCH

IDEAL FOR USE WITH VIDEO COMPUTER. SWITCHES EASILY FROM ANTENNA LINE TO TV GAME/COMPUTER WITHOUT REWIRING.

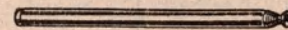


### FEATURES

- RCA PHONO JACK FOR COMPUTER/GAME INPUT
- TERMINAL SCREWBOARD FOR TV ANTENNA INPUT

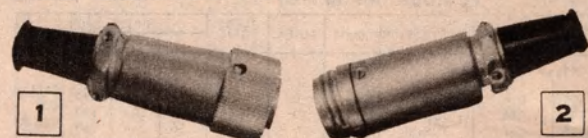
STOCK NO.	PRICE EACH			
	1	5	10	25
10RF201	2.99	2.39	2.15	CALL FOR QUOTE

## TELESCOPING ANTENNAS



STOCK NO.	FIG.	LENGTH (INCHES)		DIA.	SECTIONS	PRICE EACH			
		EXTENDED	COLLAPSED			1	10	100	500
43AR103	2	19.8	3.6	.32	8	1.55	1.38	1.19	CALL FOR QUOTE
43AR105	2	33.3	5.8	.28	7	2.06	1.72	1.56	
43AR106	2	19.0	4.25	.24	6	1.19	.92	.84	

## VIDEO CONNECTOR



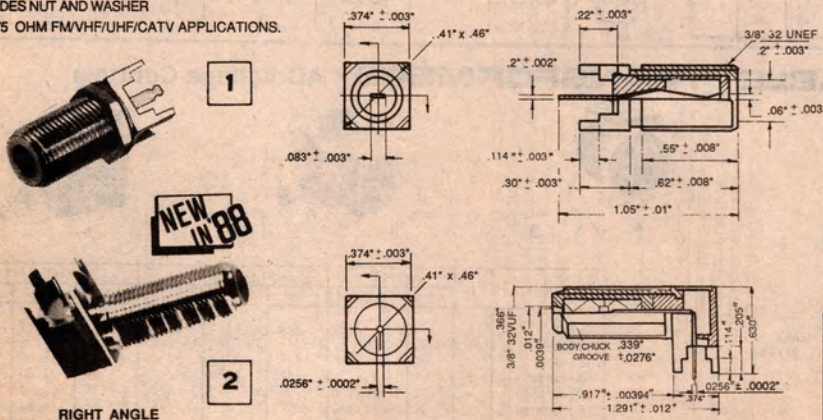
- TEN PIN
- IN-LINE
- METAL BODY
- STRAIN RELIEF

10-PIN IN LINE VIDEO CONNECTORS DESIGNED FOR VIDEO TAPE RECORDERS (VTR). THEY CAN BE USED WHERE VIRTUALLY "NO LOSS" IS A REQUIREMENT.

STOCK NO.	FIG.	TYPE	PRICE EACH			
			1	10	100	500
ME 161-5820	1	10 PIN PLUG(MALE)	7.86	5.98	5.48	CALL FOR QUOTE
ME 171-5830	2	10 PIN JACK(FEMALE)	6.86	5.11	4.99	

## TYPE F-61 PC MOUNTING CONNECTORS

INCLUDES NUT AND WASHER  
FOR 75 OHM FM/VHF/UHF/CATV APPLICATIONS.



MATERIAL: PHOSPHOR BRONZE CONTACTS, NICKEL-PLATED BRONZE BODY

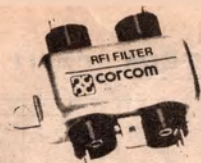
THREAD: 3/8" x 32

MATES WITH ALL STANDARD TYPES F-59, CF-59, F-56, CF-56  
SIMPLIFIES DESIGN BY MOUNTING DIRECTLY ON THE PC BOARD.  
MINIMIZES RF SIGNAL LOSSES.

INCLUDES NUT AND WASHER  
FOR 75OHM FM/VHF/UHF/CATV APPLICATIONS.

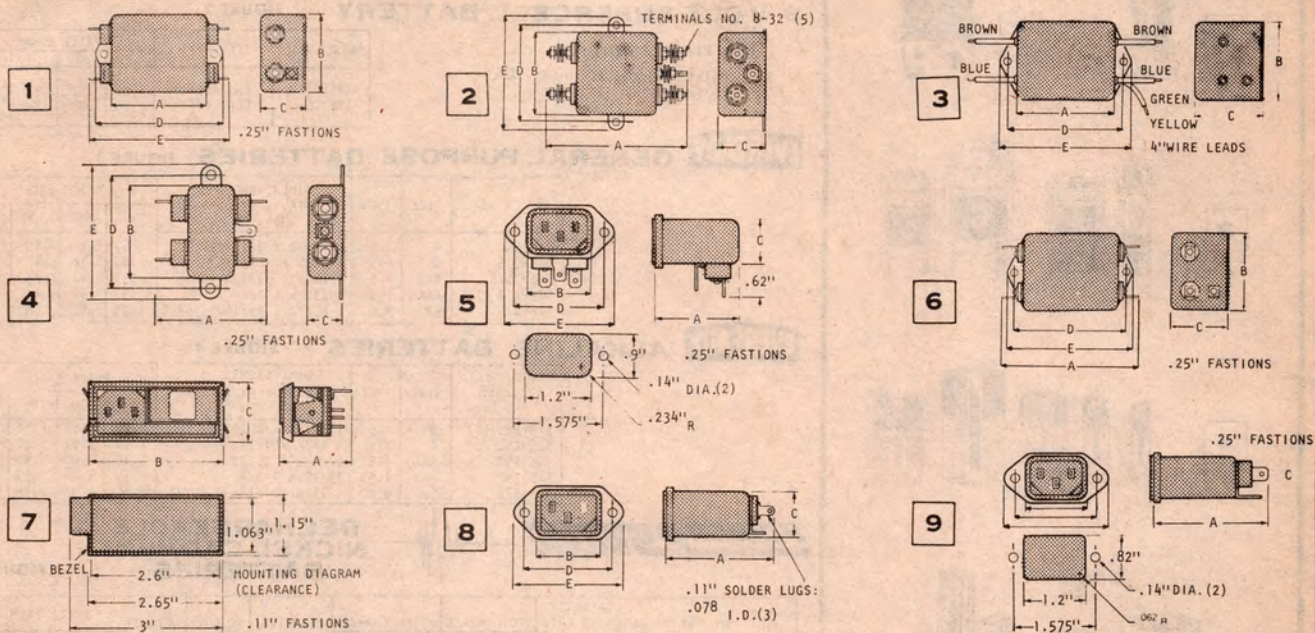
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME161-5370	1	PC MOUNT F CONN.	.63	.42	.38	CALL FOR QUOTE
ME161-5371	2	RT PC MOUNT F CONN.	1.05	.88	.80	



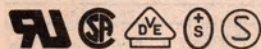
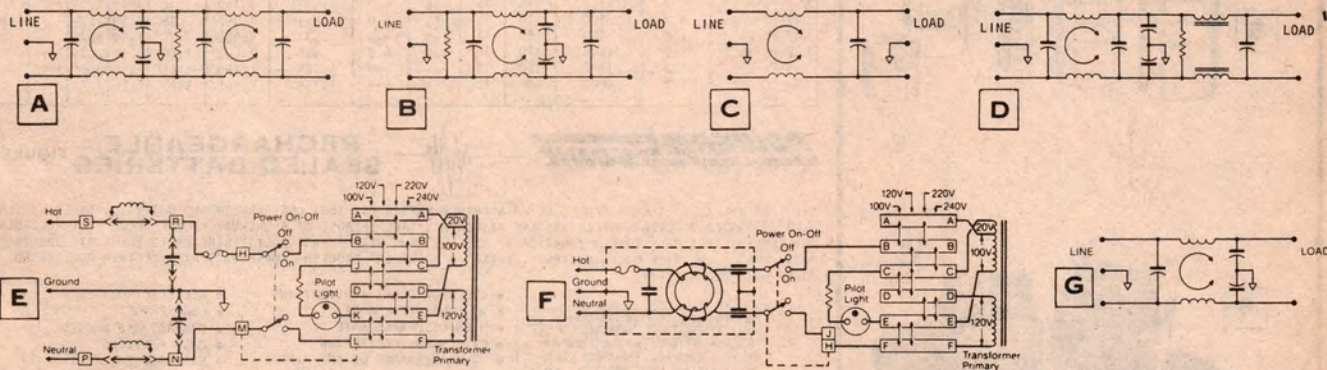


**corcom**

THE CORCOM RFI FILTER IS DESIGNED TO PROVIDE EFFECTIVE ATTENUATION OF HIGH FREQUENCY CONDUCTED RFI WHILE PRODUCING LITTLE OR NO ATTENUATION OF 50/60 HZ SIGNALS. BECAUSE OF THE FILTER'S BILATERAL DESIGN, ATTENUATION OF THE RFI IN BOTH DIRECTIONS IS ACCOMPLISHED, THUS PROTECTING THE POWER LINE AS WELL AS THE EQUIPMENT REQUIRING AN RFI-FREE AC POWER SOURCE. THE CORCOM FILTER IS ALSO INTENDED FOR UTILIZATION BY COMPUTING DEVICES REQUIRED TO MEET FCC REGULATIONS CONCERNING THE CONDUCTED RFI.



#### ELECTRICAL SCHEMATICS



#### SPECIFICATIONS

- RATED VOLTAGE: 115/120 VAC
- OPERATING FREQ: 50/60 Hz
- OVERLOAD: 6 x RATED CURRENT F 8 SEC.
- INSULATION RESISTANCE: 600M @100VDC.
- TEMPERATURE/HUMIDITY: 21 DAYS @ 40°C, 95%RH
- MAX LEAK CURRENT EACH IS GIVEN @ 115VAC/@250VAC 50Hz
- UNFILTERED

STOCK NO.	FIG	ELECTRICAL SCHEMATIC	MAX. LEAKAGE CURRENT	CURRENT RATING	CASE DIMENSIONS (IN)					PRICE EACH			
					A	B	C	D	E	I	25	50	100
R SERIES - FOR LOW IMPEDANCE MOTOR LOADS													
539-3VR1	1	A	.5mA/1mA	3A	3.73	2.00	1.13	2.94	3.32	20.51	15.38	13.46	CALL FOR QUOTE
539-10VR1	1	A	.5mA/1mA	10A	3.73	2.00	1.50	2.94	3.32	20.19	15.14	13.25	
K SERIES - GENERAL PURPOSE LINE-TO-LINE AND LINE-TO-GROUND													
539-20K6	2	B	.25mA/.4mA	20A	3.35	2.50	1.50	2.94	3.32	25.03	18.77	16.41	
EP SERIES - FOR SWITCHING POWER SUPPLY APPLICATIONS													
539-3EP3	3	A	.25mA/.4mA	3A	2.50	2.00	1.75	2.94	3.32	25.99	19.50	17.07	
539-6EP3	3	A	.25mA/.4mA	6A	5.25	2.00	2.25	5.63	6.00	39.36	29.51	25.82	
EH SERIES - LOW LEAKAGE FILTERS FOR HEALTH CARE EQUIPMENT													
539-6EH1	4	C	2uA/5uA	6A	2.13	1.75	0.62	2.13	2.50	10.33	7.76	6.79	
539-6EH9	5	C	2uA/5uA	6A	1.55	1.16	0.83	1.58	1.97	12.80	9.60	8.40	
V SERIES - LINE-TO-LINE, LINE-TO-GROUND FILTERS FOR SWITCHING POWER SUPPLIES, SCR AND TTL APPLICATIONS													
539-6V1	6	D	.5mA/1mA	6A	3.60	2.00	1.50	2.94	3.32	24.80	18.60	16.26	CALL FOR QUOTE
539-10V1	6	D	.5mA/1mA	10A	3.60	2.00	1.50	2.94	3.32	26.68	19.99	17.50	
J SERIES - VOLTAGE SELECTION AND FUSED CONNECTOR													
539-6VJ1	7 <sup>a</sup>	E	-.75uA	6A	1.34	2.65	1.15			13.44	10.18	8.82	CALL FOR QUOTE
539-6J4	7	F	-.75uA	6A	1.82	2.65	1.15			23.44	18.85	17.39	
J SERIES UNIT SPECIAL MOUNTING CLIP (2 REQUIRED)													
539-45-1676	-	USED FOR J SERIES UNITS TO PANEL THICKNESS UP TO .25". (STANDARD MOUNTING CLIPS MAY BE USED ONLY ON PANELS .09" OR LESS)								.96	.72	.63	
EF SERIES - INTERNATIONAL APPROVED LINE-TO-GROUND FILTERS WITH IEC CONNECTOR													
539-3EF1	8	G	.25mA/.5mA	3A	1.97	1.16	.79	1.58	1.97	10.32	7.74	6.77	CALL FOR QUOTE
539-3EF1F	9	G	.25mA/.5mA	3A	2.16	1.16	.79	1.58	1.97	10.32	7.74	6.77	
539-6EF1F	9	G	.25mA/.5mA	6A	2.16	1.16	.79	1.58	1.97	10.32	7.74	6.77	CALL FOR QUOTE

TECHNICAL ASSISTANCE AVAILABLE



# Batteries

## RECHARGEABLE NICKEL-CADMIUM BATTERY FIGURE 1

- CAPACITY Ah: .5
- DIMENSIONS: .6" DIA. X 2" HT.
- LIFE: OVER 500 CHARGE/DISCHARGE CYCLES
- EVEREADY EQUIVALENT: CH500
- STORAGE TEMP: -20°C TO +45°C
- VOLTS: 1.2

STOCK NO.	SIZE	PRICE EACH			
		1	10	100	500
12NK500	AA	1.99	1.79	1.74	CALL FOR QUOTE

## 9 VOLT SUPERCCELL BATTERY FIGURE 2

### REPLACEMENT FOR

- MALLORY-M1604: RAY-O-VAC-1604
- EVEREADY-216: JIS - 006P

STOCK NO.	CELL TYPE	PRICE EACH			
		1	10	100	500
12BE865	GEN. PURPOSE	.68	.57	.52	CALL FOR QUOTE
12BE900	LONG LIFE	.79	.73	.66	CALL FOR QUOTE

## EVEREADY GENERAL PURPOSE BATTERIES FIGURE 3

STOCK NO.	SIZE	TYPE	DIMENSIONS DIA. X HT OR L x W x H	PRICE EACH			
				1	10	100	500
525-950	D	1.5	1 11/32 x 2 13/32	.60	.48	.45	CALL FOR QUOTE
525-935	C	1.5	1 1/32 x 1 15/16	.60	.48	.45	CALL FOR QUOTE
525-1015	AA	1.5	9/16 x 1 31/32	.55	.43	.35	CALL FOR QUOTE
525-912	AAA	1.5	13/32 x 1 3/4	.53	.44	.41	CALL FOR QUOTE
525-216	9V	9.0	1 13/32 x 1 11/16 x 1 15/16	1.25	.99	.94	CALL FOR QUOTE

## EVEREADY ALKALINE BATTERIES FIGURE 4

STOCK NO.	SIZE	TYPE	DIMENSIONS DIA. X HT OR L x W x H	PRICE EACH			
				1	10	100	500
525-E95	D	1.5	1 11/32 x 2 13/32	1.90	1.52	1.40	CALL FOR QUOTE
525-E93	C	1.5	1 1/32 x 1 15/16	1.90	1.52	1.40	CALL FOR QUOTE
525-E91	AA	1.5	9/16 x 1 31/32	1.35	1.08	.99	CALL FOR QUOTE
525-E92	AAA	1.5	13/32 x 1 3/4	1.35	1.08	.99	CALL FOR QUOTE
525-E22	9V	9.0	1 13/32 x 1 11/16 x 1 15/16	3.75	2.94	2.79	CALL FOR QUOTE

## POWERPS-SONIC

## RECHARGEABLE NICKEL-CADMIUM BATTERIES FIGURE 5

STOCK NO.	NOMINAL VOLTAGE	CAPACITY 5 HR. RATE (mAh)	STD. CHARGE		QUICK CHARGE		DIAMETER (MAX)	HEIGHT (MAX)	WEIGHT (OZ.)	PRICE EACH			
			(mA)	HRS	(mA)	HRS				1	25	100	500
547-PS-N	1.2	150	15	15	38	6.0	.473	1.142	.30	1.99	1.79	1.74	CALL FOR QUOTE
547-PS-AAA	1.2	180	18	15	45	6.0	.413	1.752	.35	1.99	1.79	1.74	CALL FOR QUOTE
547-PS-AA	1.2	500	50	15	150	4.5	.571	1.988	.74	1.99	1.79	1.74	CALL FOR QUOTE
547-PS-SC	1.2	1200	120	15	300	6.0	.906	1.693	1.69	3.15	2.85	2.76	CALL FOR QUOTE
547-PS-C	1.2	1800	180	15	---	---	1.024	1.969	2.65	4.10	3.68	3.55	CALL FOR QUOTE
547-PS-D	1.2	4000	400	15	---	---	1.339	2.402	5.47	8.60	7.73	7.47	CALL FOR QUOTE

## POWERPS-SONIC

## RECHARGEABLE SEALED BATTERIES FIGURE 6

THE BEST RELIABLE, RECHARGEABLE, NO-MAINTENANCE BATTERIES! THEY OUT-PERFORM AND OUT-VALUE OTHER SYSTEMS USED AS PORTABLE POWER SOURCES AND ARE ABSOLUTELY SAFE BECAUSE OF A ONE-WAY RELIEF VALVE THAT RELEASES ANY PRESSURE BUILD-UP THEN AUTOMATICALLY RESEALS. THE HIGH IMPACT POLYSTYRENE CASES ELIMINATE SHORTS, RUST, FUNGUS OR OTHER ORGANIC GROWTH. THERE IS NO MEMORY PROBLEM—THESE BATTERIES DELIVER FULL RATED POWER WHEN YOU NEED IT.

RECHARGEABLE BATTERIES FOR STANDBY OR CYCLE APPLICATIONS. DESIGNED FOR USE IN ALARM SYSTEMS, MEDICAL EQUIPMENT, COMPUTER MEMORIES, EMERGENCY LIGHTING, AUDIO AND VIDEO PRODUCTS, PORTABLE EQUIPMENT, LIGHTS, TOOLS, ETC...

- CYCLE OR FLOAT APPLICATIONS
- NO POLARITY CHANGE
- HIGH DISCHARGE RATE
- OVERCHARGE PROTECTION
- NO MAINTENANCE OF ANY KIND
- GEL ELECTROLYTE
- LEAK PROOF
- COMPACT AND RUGGED
- EASY HANDLING
- EXTENDED SHELF LIFE

\*\*\* 547-PS-1207 LEADS TERMINATED WITH FREE HANGING AMP. INC MATE-N-LOK CONNECTOR, 4.13", MATES WITH CONNECTOR 571-14803190.

STOCK NO.	NOMINAL VOLTAGE	RATED CAPACITY	20 HOUR DISCHARGE RATE (mA)	TERMINATIONS	DIMENSIONS (INCHES)			WEIGHT APPROX. LBS.	PRICE EACH			
					LENGTH	WIDTH	HEIGHT OVER TERMINAL		1	10	50	100
547-PS-610	6	1.0	50	.187 FASTONS	2.00	1.65	2.20	.6	9.35	8.40	8.12	CALL FOR QUOTE
547-PS-618	6	1.8	90	.187 FASTONS	2.95	2.00	2.28	.9	14.35	13.20	12.76	CALL FOR QUOTE
547-PS-626	6	2.6	130	.187 FASTONS	5.28	1.34	2.56	1.3	13.10	11.78	11.38	CALL FOR QUOTE
547-PS-640	6	4.0	200	.187 FASTONS	2.76	1.89	4.02	1.8	13.65	12.30	11.89	CALL FOR QUOTE
547-PS-660	6	6.0	300	.187 FASTONS	5.98	1.34	4.13	2.60	14.65	13.20	12.76	CALL FOR QUOTE
547-PS-682	6	8.0	400	.187 FASTONS	3.86	2.20	4.65	3.3	15.90	14.33	13.85	CALL FOR QUOTE
547-PS-6100	6	10.0	500	.187 FASTONS	5.95	2.00	3.86	4.6	18.99	17.10	16.53	CALL FOR QUOTE
547-PS-1207	12	0.7	35	***	3.78	0.98	2.42	0.77	13.75	12.38	11.96	CALL FOR QUOTE
547-PS-1212	12	1.2	60	.187 FASTONS	3.82	1.65	2.13	1.3	15.60	13.99	13.56	CALL FOR QUOTE
547-PS-1219	12	1.8	90	.187 FASTONS	7.01	1.34	2.56	1.9	19.90	17.93	17.33	CALL FOR QUOTE
547-PS-1245	12	5.0	250	.187 FASTONS	5.96	2.56	3.89	5.10	25.50	22.95	22.19	CALL FOR QUOTE
547-PS-1265	12	6.5	325	.187 FASTONS	5.95	2.56	3.86	5.7	27.15	24.45	23.64	CALL FOR QUOTE
547-PS-12200	12	20.0	1000	.187 FASTONS	6.89	6.54	4.92	17.6	71.25	64.13	61.99	CALL FOR QUOTE
547-PS-12260	12	26.0	1300	.250 FASTONS	6.89	6.54	4.92	18.7	74.00	66.59	64.38	CALL FOR QUOTE
547-PS-12400	12	80.0	2000	6MM NUT & BOLT	7.64	6.85	6.85	28.7	111.28	104.32	99.99	CALL FOR QUOTE

## NICKEL-CADMIUM BATTERY CHARGER FIGURE 7

### FEATURES

- FULLY AUTOMATIC OPERATION.
- CANNOT OVERCHARGE.
- USES 110-120V HOUSEHOLD CURRENT WITH LED LAMPS TO INDICATE WHEN CHARGER IS CHARGING.

STOCK NO.	PRICE EACH		
	1	10	500
41AC301	13.43	11.89	CALL FOR QUOTE

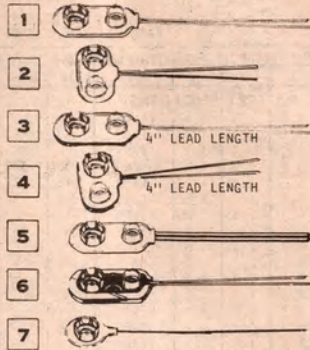


# MOUSER® Battery Snaps & Metal Battery Holders

WIDEST SELECTION OF BATTERY SNAPS ANYWHERE. OVER A MILLION PIECES IN STOCK. STOCKED IN ALL TYPES SHOWN BELOW. FOR USE WITH STANDARD 9 VOLT BATTERY. ALL LEADS ARE STRIPPED & PRE-TINNED. ALL ARE FULLY INSULATED & CONTACTS ARE NICKEL PLATED BRASS. LEADS ARE POLARITY CODED. ALL EXCEPT "MOLDED" TYPE FEATURE PVC PLASTIC INSULATION OVER A BASE OF VULCANIZED FIBER BOARD.

• .5" SPACING BETWEEN SNAP CONNECTIONS, (FIG 1-6)

			(MIN ORDER EACH)			
STOCK NO.	FIG	LEAD LENGTH	PRICE EACH			
			2	100	1000	10000
HIGH RELIABILITY BATTERY SNAPS						
UL 1007 STRANDED WIRE 26AWG						
128C104	1	4"	.37	.26	.20	CALL FOR QUOTE
128C106	1	6"	.39	.28	.21	
128C110	1	10"	.43	.32	.23	
128C124	2	4"	.37	.26	.20	
128C126	2	6"	.39	.28	.21	
128C130	2	10"	.44	.32	.22	
UL 1007 SOLID LEADS 24AWG						
128C206	1	6"	.39	.28	.21	
128C254	2	4"	.39	.28	.20	
STANDARD BATTERY SNAPS						
128C005	1	4"	.19	.081	.074	CALL FOR QUOTE
128C025	1	5"	.21	.09	.069	
128C009	1	6"	.22	.10	.079	
128C008	1	8"	.22	.11	.09	
128C013	1	10"	.23	.11	.09	
128C012	1	12"	.23	.11	.094	
128C006	2	4"	.21	.09	.082	
128C095	2	5"	.22	.10	.070	
128C092	2	6"	.22	.10	.070	
128C002	2	8"	.23	.11	.076	
128C096	2	10"	.24	.11	.076	
128C003	2	12"	.25	.11	.082	
HEAVY DUTY BATTERY SNAPS						
PARALLEL LEADS (ZIPCORD) 20AWG						
128C015	5	4"	.25	.12	.10	CALL FOR QUOTE
128C010	5	6"	.26	.13	.10	
128C016	5	10"	.27	.13	.11	



## HI-REL MOLDED BATTERY SNAPS

STOCK NO.	FIG	FEMALE SOCKET TYPE	PRICE EACH			
			2	100	1000	10000
128C411	3	4 PRONG EXTERNAL	.21	.099	.091	CALL FOR QUOTE
128C412	4	4 PRONG EXTERNAL	.21	.096	.087	FOR QUOTE
128C421	3	5 PRONG INTERNAL	.22	.10	.091	
128C422	4	6 PRONG INTERNAL	.22	.10	.091	

(MIN ORDER 2 PIECES)

STOCK NO.	FIG	LEAD LENGTH	PRICE EACH			
			2	100	1000	10000
CLEAR PLASTIC BATTERY SNAPS						
128C310	1	4"	.21	.099	.091	CALL FOR QUOTE
128C311	2	4"	.21	.099	.091	
MOLDED BATTERY SNAPS						
HEAVY DUTY CONSTRUCTION/TWO-PIECE PLASTIC COVER						
128C007	6	4"	.26	.13	.12	
128C011	6	6"	.27	.15	.13	
128C014	6	10"	.29	.16	.14	
JUMBO BATTERY SNAP						
128C203	7	6"	.17	.10	.06	

## INDIVIDUAL BATTERY SNAPS and RIVETS

- EXACT REPLACEMENT FOR KEYSTONE 261 TO 269
- STANDARD 9 VOLT SIZE
- RIVETS CAN BE APPLIED ON TO PC BOARD, BATTERY
- HOLDERS, BATTERY PACK, ETC.

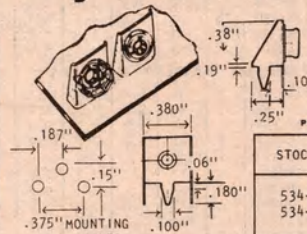
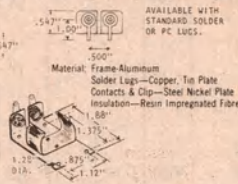
STOCK NO.	FIG	TYPE	PRICE EACH			
			10	100	1000	10000
128C269	8	FEMALE	.03	.024	.022	CALL FOR QUOTE
128C261	9	MALE	.03	.024	.022	FOR QUOTE
48BC001	10	RIVET	.03	.024	.022	

## Keystone Battery Holders

### 9 VOLT SNAP-IN BATTERY HOLDER

FOR USE WITH ANY STANDARD 9 VOLT BATTERY. BATTERY SNAPS IN PLACE TO INSURE POSITIVE CONTACT. IDEAL WHERE SEVERE SHOCK AND VIBRATION ARE ENCOUNTERED.

STOCK NO.	LUGS	PRICE EACH			
		1	10	100	500
534-1290	SOLDER	.74	.66	.64	CALL FOR QUOTE
534-1291	PC MTG	.76	.69	.67	FOR QUOTE



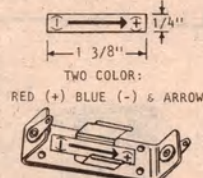
### PC SNAP-ONS (9 VOLT)

STOCK NO.	CONTACT	PRICE EACH			
		2	100	500	1000
534-635	MALE	.20	.10	.095	CALL FOR QUOTE
534-636	FEMALE	.21	.12	.11	FOR QUOTE

### POLARITY INDICATING LABELS

PRESSURE-SENSITIVE ADHESIVE BACK. LABELS ADHERE TO ALL SURFACES. THEY MAKE IT EASY TO INSTALL THE BATTERY CORRECTLY.

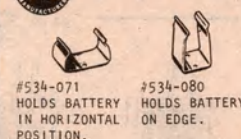
STOCK NO.	PRICE EACH			
	10	100	500	1000
534-058	.03	.016	.014	CALL FOR QUOTE



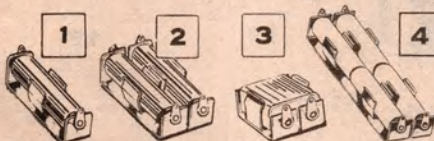
### STEEL BATTERY HOLDER CLIPS

NICKEL PLATED STEEL CLIPS, HEAT TREATED TO SPRING TEMPER, HOLD 9-VOLT BATTERIES. NO LEADS.

STOCK NO.	PRICE EACH			
	2	100	500	1000
534-071	.15	.076	.068	CALL FOR QUOTE
534-080	.19	.096	.086	FOR QUOTE



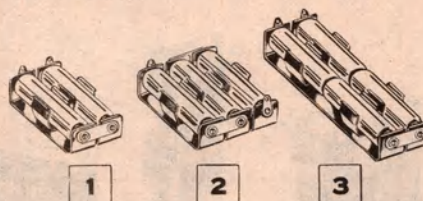
### ALUMINUM HOLDERS



QUALITY ALUMINUM HOLDERS WITH CADMIUM-PLATED COPPER LUGS AND NICKEL-PLATED BRASS EYELETS. THESE HOLDERS PROVIDE GOOD ELECTRICAL CONTACT AND LOW LEAKAGE CURRENT. ALL HAVE SOLDER LUGS.

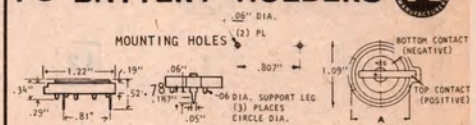
STOCK NO.	FIG	HOLDS	PRICE EACH			
			1	10	100	500
534-139	1	1-AA	.44	.41	.39	CALL FOR QUOTE
534-140	2	2-AA	.86	.78	.75	FOR QUOTE
534-171	2	3-AA	1.36	1.23	1.19	
534-192	4	4-AA	1.39	1.29	1.20	
534-173	1	1-C	.52	.47	.45	
534-174	2	2-C	.92	.83	.80	
534-175	1	1-D	.60	.54	.52	
534-176	2	2-D	1.09	.99	.96	
534-203	3	1-9V	.67	.60	.58	

### PREWIRED ALUMINUM HOLDERS



STOCK NO.	FIG	HOLDS	VDC	PRICE EACH			
				1	10	100	500
534-146	1	2-AA	3.0	.99	.90	.87	CALL FOR QUOTE
534-147	2	3-AA	4.5	1.59	1.44	1.39	FOR QUOTE
534-148	3	4-AA	6.0	1.52	1.37	1.32	
534-149	1	2-C	3.0	.99	.95	.91	
534-151	3	4-C	6.0	1.64	1.47	1.42	

### COIN CELL LITHIUM PC BATTERY HOLDERS



- ACCOMMODATES .78 TO .94 IN(DIA) BY .06 TO .12IN (HTS) LOW PROFILE, LITHIUM COIN CELL BATTERIES.
- MADE OF TOUGH, PUNISHMENT-PROVEN, BLACK, LEXAN #940 UL RATED 94V-0-IMPVIRIOUS TO MOST INDUSTRIAL SOLVENTS.
- OPERATING TEMP. RANGE: -50°C TO +145°C.

STOCK NO.	DIM A	SAFT	SANYO VARTA & GE	DURA-CELL	RAY-O-VAC PANA-SONIC	EVER-EADY
534-105	.972	LM2425	CR 2316 CR 2420 CR 2430	DL 2420 DL 2430	BR 2320 BP 2325	
534-106	.796	LM2020	CR 2016 CR 2025 CR 2032	DL 2016 DL 2025 DL 2032	BR 2016 CR 2025 CR 2032	CR 2016 CR 2025 CR 2032

STOCK NO.	PRICE EACH			
	1	10	100	500
534-105	1.04	.72	.70	CALL FOR QUOTE
534-106	1.04	.72	.70	FOR QUOTE

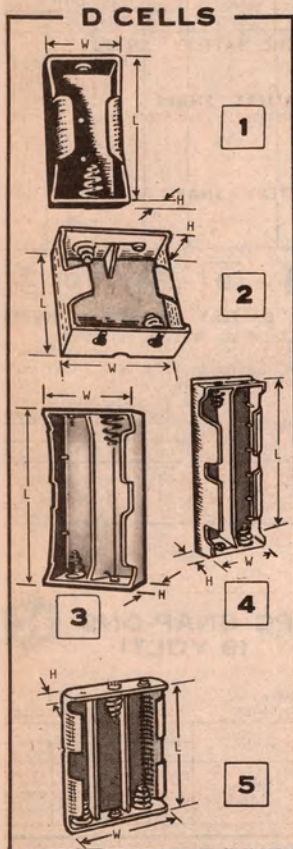
QUANTITY DISCOUNTS ON ALL ITEMS - CALL



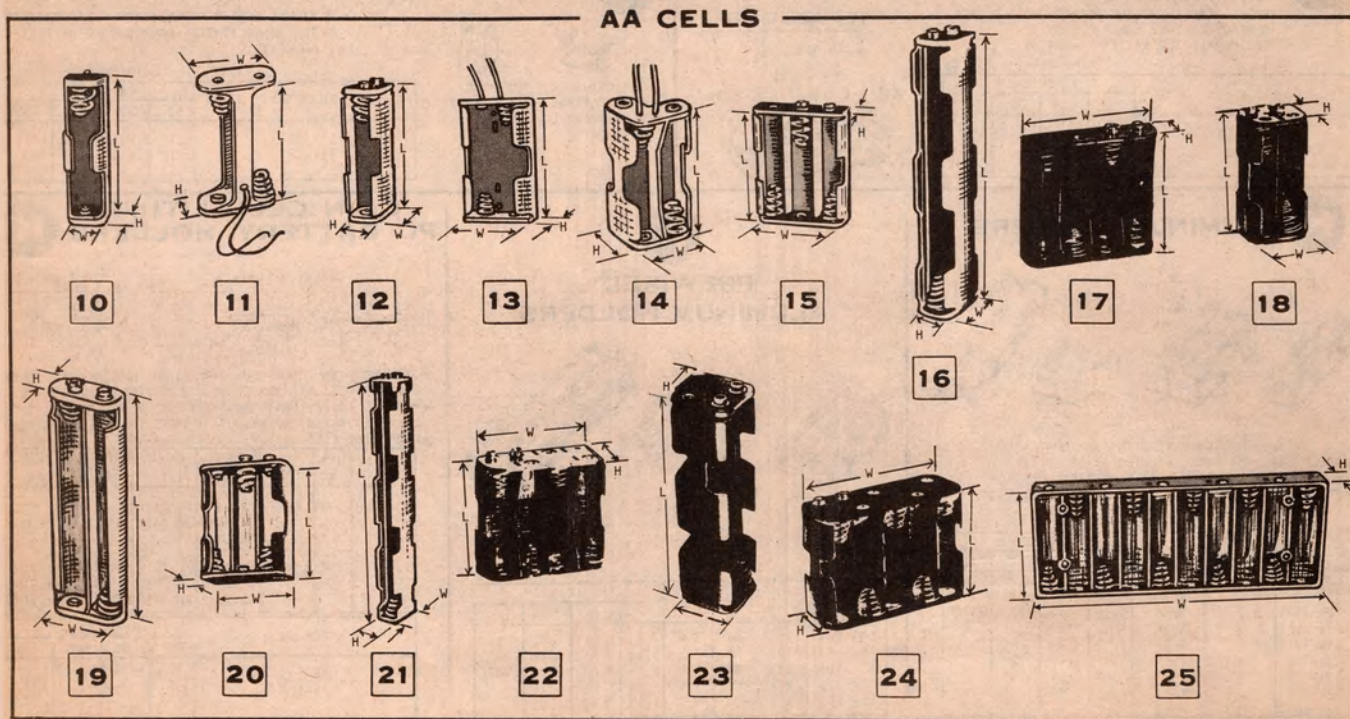
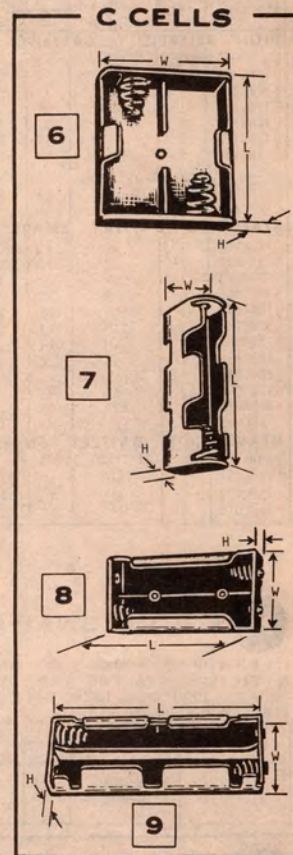
# MOUSER® Plastic Battery Holders

MOLDED PLASTIC BATTERY HOLDERS ARE STURDILY CONSTRUCTED USING AN "UNBREAKABLE" TYPE PLASTIC. NICKEL-PLATED SPRINGS, STUDS, SOCKETS, AND RIVETS, PROVIDE EXCELLENT CORROSION RESISTANCE FROM BATTERY ACID. THE PLASTIC HOLDER ITSELF IS IMMUNE TO THE EFFECTS OF CORROSION, AND PROVIDES MAXIMUM INSULATION FROM THE CHASSIS. MOUSER ELECTRONICS OFFERS ONE OF THE BROADEST LINES OF BATTERY HOLDERS AVAILABLE ANYWHERE. A WIDE VARIETY OF CONFIGURATIONS ARE LISTED AS WELL AS SEVERAL CHOICES OF TERMINATION LEADS, SNAPS, OR SOLDER LUGS AS SHOWN IN TABLE.

ABBREVIATIONS: STD=STANDARD MINI=MINIATURE



STOCK NO.	FIG	HOLDS CELLS	DIMENSION IN (IN)			TERMINAL TYPE	SNAP SIZE	SNAP SPACE	PRICE EACH			
			L	W	H				1	10	100	1000
<b>HIGH RELIABILITY BATTERY HOLDERS</b>												
12BH111	1	1D	2.8	1.5	1.1	LUGS	----	----	.78	.59	.54	CALL FOR QUOTE
12BH122	2	2D	2.8	2.7	1.3	LUGS	----	----	1.23	1.02	.93	
12BH145	3	4D	5.5	2.9	1.3	LEADS	----	----	1.99	1.65	1.51	
12BH161	4	6D	7.9	2.9	1.2	SNAPS	STD	1.32"	2.10	1.75	1.59	
12BH162	5	6D	5.3	4.1	1.3	SNAPS	STD	1.32"	2.23	1.86	1.69	
12BH221	6	2C	2.4	2.1	1.0	LUGS	----	----	.98	.82	.74	
12BH246	7	4C	4.3	2.0	1.2	LEADS	----	----	1.11	.86	.78	
12BH248	8	4C	4.3	2.1	1.2	SNAPS	MINI	.98"	1.38	1.15	1.05	
12BH249	8	4C	4.3	2.3	1.0	LEADS	----	----	1.35	1.13	1.04	
12BH264	9	6C	6.4	2.2	1.0	SNAPS	STD	1/2"	.99	.89	.79	
12BH265	9	6C	6.4	2.3	1.0	LEADS	----	----	1.55	1.29	1.18	
12BH321	12	2AA	2.3	1.7	0.6	SNAPS	MINI	1/2"	.74	.55	.49	
12BH332	14	3AA	2.3	1.2	1.2	LEADS	----	----	1.12	.86	.78	
12BH333	15	3AA	2.3	1.8	0.7	SNAPS	MINI	1/2"	1.09	.84	.76	CALL FOR QUOTE
12BH334	15	3AA	2.3	1.8	0.7	LEADS	----	----	1.24	.95	.87	
12BH344	19	4AA	4.2	1.2	0.6	SNAPS	MINI	1/2"	.88	.67	.61	
12BH362	21	6AA	6.1	1.0	0.7	SNAPS	MINI	1/2"	.97	.75	.68	
12BH363	21	6AA	6.1	1.0	0.7	LEADS	----	----	1.12	.86	.78	
12BH382	23	8AA	4.2	1.2	1.2	SNAPS	MINI	1/2"	1.24	.96	.87	
12BH447	17	4AA	2.3	2.5	0.6	SNAPS	MINI	1/2"	1.18	.91	.83	
<b>STANDARD BATTERY HOLDERS</b>												
12BH121	2	2D	2.8	2.9	1.3	LUGS	----	----	.75	.63	.54	
12BH144	3	4D	5.2	2.8	1.3	SNAPS	MINI	1.4"	.99	.79	.69	
12BH261	9	6C	6.4	2.3	1.0	SNAPS	STD	1/2"	1.05	.92	.77	
12BH263	9	6C	6.4	2.2	1.0	LEADS	----	----	1.15	.98	.81	
12BH309	25	10AA	2.2	5.9	0.6	LUGS	MINI	----	1.39	1.15	.97	
12BH310	24	10AA	2.3	3.1	1.2	SNAPS	MINI	1/2"	1.39	1.15	.97	CALL FOR QUOTE
12BH311	10	1AA	2.3	0.6	0.5	LUGS	----	----	.49	.37	.31	
12BH335	14	3AA	2.3	1.3	1.1	LEADS	----	----	.65	.49	.42	
12BH341	16	4AA	4.2	1.0	0.7	SNAPS	MINI	1/2"	.59	.49	.37	
12BH347	17	4AA	2.3	2.5	0.6	SNAPS	MINI	1/2"	.65	.52	.41	
12BH348	17	4AA	2.3	2.4	0.6	LEADS	----	----	.65	.52	.41	
12BH350	18	4AA	2.2	1.2	1.1	LEADS	----	----	.79	.65	.55	
12BH361	20	6AA	2.3	1.8	1.1	SNAPS	MINI	1/2"	.79	.66	.52	
12BH381	22	8AA	2.3	2.4	1.2	SNAPS	MINI	1/2"	1.07	.94	.73	
<b>ECONOMY BATTERY HOLDERS</b>												
12BH142	3	4D	5.2	2.7	1.3	SNAPS	STD	1/2"	.79	.66	.52	
12BH143	3	4D	5.2	2.7	1.2	LEADS	----	----	.79	.66	.55	
12BH244	8	4C	4.3	2.2	0.9	SNAPS	MINI	1/2"	.65	.56	.39	
12BH247	8	4C	4.2	2.2	0.9	LEADS	----	----	.65	.56	.39	
12BH320	11	2AA	2.2	1.3	0.6	LEADS	----	----	.49	.37	.31	CALL FOR QUOTE
12BH322	13	2AA	2.3	2.2	0.5	LEADS	----	----	.53	.46	.33	
12BH342	16	4AA	4.2	1.0	0.7	SNAPS	MINI	1/2"	.56	.47	.35	
12BH343	16	4AA	4.2	1.0	0.7	LEADS	----	----	.59	.50	.38	
12BH345	18	4AA	2.2	1.2	1.1	SNAPS	MINI	9/16"	.65	.53	.35	
12BH346	18	4AA	2.2	1.2	1.1	LEADS	----	----	.65	.53	.35	
12BH360	20	6AA	2.3	1.9	1.2	LEADS	----	----	.79	.66	.52	





# MOUSER® Fuses And Fuse Holders

## PANEL-MOUNT FUSE HOLDERS

STOCK NO.	FIG.	CAP. COLOR	RATING	UL FILE NUMBER	CSA FILE NUMBER	PRICE EACH				
						1	10	100	500	
STANDARD (FOR 1 1/4" x 1/4" FUSES)										
44FH111	1	WHITE	6A@ 250VAC	E43163		1.24	.95	.86	CALL FOR QUOTE	
44FH112	1	RED	6A@ 250VAC	E43163		1.24	.95	.86		
44FH113	1	BLACK	6A@ 250VAC	E43163		1.24	.95	.86		
44FH030	2	BLACK	10A@ 250VAC		LR30024	1.44	1.09	.99		
44FH031	3	BLACK	10A@ 250VAC	E46754		1.40	1.17	1.06		
44FH033	3	BLACK	10A@ 250VAC			.85	.75	.62		
44FH032	4	BLACK	10A@ 250VAC	E46754	LR30024	1.43	1.19	1.08		
ME441-R314A	5		10A@ 250VAC	E72169	LR46728	1.09	.89	.79		
QUICK-CONNECT (FOR 1 1/4" x 1/4" FUSES)										
ME441-R314C	6		10A@ 250VAC	E72169	LR46728	1.19	.99	.89	CALL FOR QUOTE	
PIGTAIL (FOR 1 1/4" x 1/4" FUSES)										
ME441-R314B	7		10A@ 250VAC	E72169	LR46728	1.19	.99	.89		
MIDGET (FOR 5mm x 20mm FUSES)										
44FH020	8	BLACK	3A@ 250VAC			1.31	1.09	.98		

## IN-LINE FUSE HOLDERS (FOR 1 1/4" x 1/4" FUSES)

STOCK NO.	FIG	COLOR	DESCRIPTION	PRICE EACH			
				1	10	100	500
STANDARD							
44FH299	9	CLEAR	HOLDS 1 1/4"X1/4" FUSE ALLOWS INSPECTION WITHOUT DISCONNECTION	.63	.42	.38	CALL FOR QUOTE
44FH018	10	BLACK	INSULATION RESIST. 100MΩ @ 500VDC	1.45	1.25	1.13	
44FH019	11	CLEAR	ALLOWS INSPECTION W/O FUSE REMOVAL	1.54	1.28	1.14	
UNIVERSAL							
44FH498	12	WHITE	FOR USE WITH 1 1/4"X1/4"AGC, 1x1/4" AGX OR 20mm MIDGET FUSES	.58	.48	.40	
HOLDER ASSEMBLY							
44FH499	13	WHITE	STANDARD SIZE FUSEHOLDER WITH 18" LEADS	.79	.60	.55	

## FUSE HOLDERS \* (FOR 1 1/4" x 1/4" FUSES)

STOCK NO.	FIG.	CONTACT PLATING	DESCRIPTION	PRICE EACH			
				1	10	100	500
<b>BLOCK #</b>							
44FH201	14	NICKEL	TWO FUSE CLIPS ON A PHENOLIC	.29	.22	.19	CALL FOR QUOTE
PC MOUNT			BASE CAN BE PC MOUNTED				
ME441-R324	15	NICKEL	BLACK PLASTIC FUSE HOLDER THAT HOLD	.89	.75	.68	
MIDGET BASE			MIDGET FUSES. U.L. FILE #E72169, 10A@125V				
44FH054	16	NICKEL	FOR 20mm X 5mm FUSES	.68	.57	.47	

## FUSE CLIPS

MIN. ORDER = 3 PCS.

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
<b>STANDARD</b>						
44FH053	17	NICKEL PLATED. FITS .25" DIA. FUSES	.17	.14	.12	CALL FOR QUOTE
<b>MIDGET</b>						
44FH052	18	PLATED CONTACT. FOR 20mmX5mm FUSES FOR PC BOARD MOUNTING	.11	.07	.055	

## FUSIBLE AUTO POWER DC PLUG

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
17PP002	19	INSERTS INTO AUTO CIGARETTE LIGHTER. CASE UNSCREWS TO ACCEPT SINGLE FUSE. ACCEPTS SIZES: 1/4"x1", 1/4"x1 1/4"	1.18	.91	.83	CALL FOR QUOTE

## CIRCUIT BREAKER

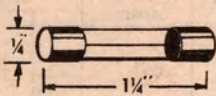
STOCK NO.	FIG.	TYPE	RATING	FEATURES	PRICE EACH			
					1	10	100	500
ME442-5000-15	20	THERMAL	15A@ 125/250VAC	COMES WITH HARDWARE	6.99	5.59	4.99	CALL FOR QUOTE

## FUSES

STOCK NO.	FIG.	AMPS	VOLTS	TYPE	DIMENSIONS	PRICE EACH			
						3	10	100	500
FAST-ACTING STANDARD									
44FP048	21	1/4	250	—	1-1/4"X1/4"	.17	.14	.11	CALL FOR QUOTE
44FP049	21	1/2	250	—	1-1/4"X1/4"	.17	.14	.11	
44FP051	21	1	250	—	1-1/4"X1/4"	.15	.10	.075	
44FP052	21	2	250	—	1-1/4"X1/4"	.14	.10	.071	
44FP053	21	3	250	—	1-1/4"X1/4"	.14	.08	.071	
44FP055	21	5	250	—	1-1/4"X1/4"	.10	.08	.071	
44FP056	21	6	250	—	1-1/4"X1/4"	.10	.08	.071	
PIGTAIL									
44GA049	22	1/2	250	GJV	1-1/4"X1/4"	.24	.21	.16	
FAST-ACTING MIDGET									
44FM049	23	1/2	250	GMA	5mm X 20mm	.15	.12	.10	CALL FOR QUOTE
44FM051	23	1	250	GMA	5mm X 20mm	.12	.09	.063	
44FM052	23	2	250	GMA	5mm X 20mm	.13	.09	.063	
44FM053	23	3	125	GMA	5mm X 20mm	.13	.09	.063	
44FM055	23	5	125	GMA	5mm X 20mm	.10	.07	.063	

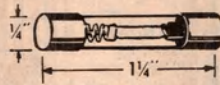
ONE-STOP SHOPPING SAVES TIME



**BUSS****Fuses And Fuse Holders****1/4"x1 1/4" FAST ACTING STANDARD FUSES**

\*NON-UL RATING: 250V @32V

STOCK NO.	AMP	PRICE EACH			
		1	100	500	1000
504-AGC-1/16	1/16	.93	.78	.67	CALL
504-AGC-1/8	1/8	.93	.78	.67	FOR
504-AGC-1/4	1/4	.55	.46	.38	QUOTE
504-AGC-3/10	3/10	.55	.46	.38	
504-AGC-1/2	1/2	.26	.22	.19	
504-AGC-3/4	3/4	.26	.22	.19	
504-AGC-1	1	.26	.22	.19	
504-AGC-1 1/2	1 1/2	.26	.22	.19	
504-AGC-2	2	.26	.22	.19	
504-AGC-3	3	.26	.22	.19	
504-AGC-4	4	.26	.22	.19	
504-AGC-5	5	.26	.22	.19	
504-AGC-6	6	.26	.22	.19	
504-AGC-10	10	.26	.22	.19	CALL
504-AGC-15	15	.26	.22	.19	FOR
504-AGC-20	20	.26	.22	.19	QUOTE
504-MTH-4	4	.40	.34	.29	
504-MTH-5	5	.40	.34	.29	
504-MTH-6	6	.40	.34	.29	

**1/4"x1 1/4" MDL SLOW-BLOW FUSES**

(1 1/4 TO 2 1/2 AMP 125V / 3 TO 20 AMP=32V)



\*NON-UL RATING: 250 VOLT

STOCK NO.	AMP	PRICE EACH			
		1	100	500	1000
504-MDL-1/8	1/8	1.18	.99	.84	CALL
504-MDL-1/4	1/4	.89	.75	.64	FOR
504-MDL-3/10	3/10	.89	.75	.64	QUOTE
504-MDL-3/8	3/8	.89	.75	.64	
504-MDL-1/2	1/2	.71	.60	.51	
504-MDL-6/10	6/10	.71	.60	.51	
504-MDL-3/4	3/4	.71	.60	.51	
504-MDL-1	1	.71	.60	.51	
504-MDL-1 1/4	1 1/4	.71	.60	.51	
504-MDL-1 1/2	1 1/2	.71	.60	.51	
504-MDL-2	2	.71	.60	.51	
504-MDL-2 1/2	2 1/2	.71	.60	.51	
504-MDL-3	3	.71	.60	.51	
504-MDL-3 2/10	3 2/10	.71	.60	.51	CALL
504-MDL-4	4	.71	.60	.51	FOR
504-MDL-5	5	.71	.60	.51	QUOTE
504-MDL-7	7	.71	.60	.51	
504-MDL-10	10	.96	.81	.68	
504-MDL-20	20	.96	.81	.68	

**1/4"x1 1/4" FAST ACTING INSTRUMENT FUSES**

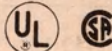
STOCK NO.	AMP	PRICE EACH			
		1	100	500	1000
504-AGX-1/8	1/8	.89	.75	.64	CALL
504-AGX-1	1	.32	.26	.25	FOR
504-AGX-2	2	.32	.26	.25	QUOTE

**1/4"x1 1/4" ABC CERAMIC FUSES**

STOCK NO.	AMP	PRICE EACH			
		1	100	500	1000
504-ABC-10	10	.60	.50	.44	CALL
504-ABC-15	15	.60	.50	.44	FOR
					QUOTE

**TINITRON™ SUB-MINIATURE FUSES**

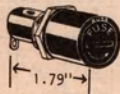
STOCK NO.	AMP	PRICE EACH			
		1	100	500	1000
504-AC-1/8	1/8	1.17	.99	.73	CALL
504-AC-1/4	1/4	1.17	.99	.73	FOR
504-AC-1/2	1/2	1.17	.99	.73	QUOTE
504-AC-1	1	1.17	.99	.73	
504-AC-1 1/2	1 1/2	1.17	.99	.73	
504-AC-2	2	1.17	.99	.73	
504-AC-3	3	1.17	.99	.73	
504-AC-4	4	1.17	.99	.73	
504-AC-5	5	1.17	.99	.73	
504-AC-10	10	1.17	.99	.73	

**FUSE HOLDERS**

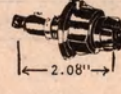
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2



3

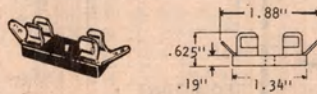


4

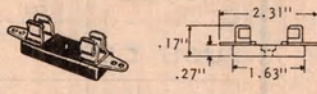
STOCK NO.	FIG	FUSE SIZE	RATED TO AMP	VOLT	PRICE EACH	
504-HJM	1	1/4"x1"	5	125	1.59	1.33 1.13 CALL
504-HKP	1	1/4"x1 1/4"	15	250	1.59	1.33 1.13 FOR
504-HTA	2	1/4"x1 1/4"	15	250	1.83	1.54 1.31 QUOTE
504-HHM	3	1/4"x1 1/4"	15	250	2.37	1.99 1.68
504-HKP-00	4	1/4"x1 1/4"	30	250	2.46	2.07 1.75
504-HKP-CC	1	1/4"x1 1/4"	30	250	1.59	1.33 1.13

**FUSE BLOCKS**

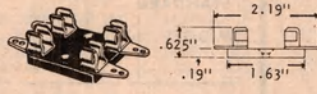
STOCK NO. 504-3828-1 FOR 1/4" x 1" FUSES



STOCK NO. 504-4405 FOR 1/4" x 1 1/4" FUSES



STOCK NO. 504-4408 FOR 1/4" x 1 1/4" FUSES



MOLDED BAKELITE BASE; SOLDER TERMINALS. BERYLLIUM COPPER, SILVER PLATED CLIPS. RATED 30 AMP, 250 VOLT.

STOCK NO.	PRICE EACH			
	1	100	500	1000
504-3828-1	.84	.70	.59	CALL
504-4405	1.14	.96	.81	FOR
504-4408	2.46	2.07	1.75	QUOTE

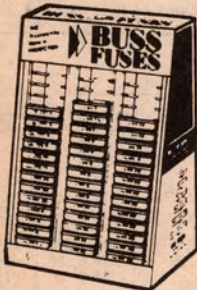
**FUSE CLIPS**STOCK NO. 504-5678-14  
SOLDER TYPE TERMINAL.STOCK NO. 504-5682-41  
FOR 1/4", 9/32", AND 13/32" FUSES

STOCK NO.	PRICE EACH			
	2	100	500	1000
504-5678-14	.16	.14	.12	CALL
504-5682-41	.16	.14	.12	FOR
				QUOTE

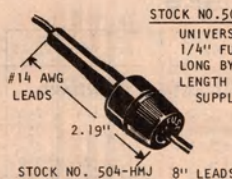
**PC MOUNTING FUSE CLIPS**STOCK NO. 504-1A1119-10  
WITH END STOPS

STOCK NO. 504-1A1120-10

STOCK NO.	PRICE EACH			
	2	100	500	1000
504-1A1119-10	.20	.15	.13	CALL
504-1A1120-10	.20	.15	.13	FOR
				QUOTE

**AGC/FUSE ASSORTMENT**EACH SIZE FUSE  
PACKED 5 TO A  
BOX.

STOCK NO.	TOTAL QUANTITY	NO. OF SIZES	PRICE EACH	
			1	5
504-130	130	26	81.28	73.15
504-240	240	13	59.49	48.82

**IN-THE-LINE FUSE HOLDERS**STOCK NO. 504-HRK 15" LEADS  
UNIVERSAL TYPE TAKES ANY  
1/4" FUSE 5/8" TO 1-1/4"  
LONG BY SELECTING PROPER  
LENGTH SPRING--3 SPRINGS  
SUPPLIED WITH HOLDER.

STOCK NO. 504-HMJ 8" LEADS

STOCK NO.	PRICE EACH			
	1	100	500	1000
504-HRK	1.64	1.38	1.19	CALL
504-HMJ	1.50	1.24	1.06	FOR
				QUOTE

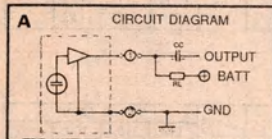
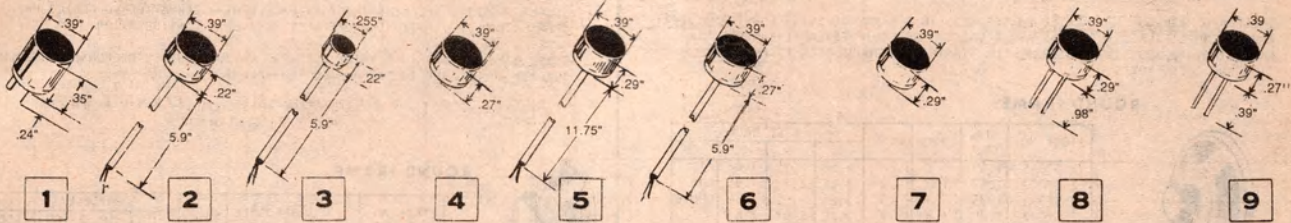
**BUSS TWIN-CLIPS**MAKES IT UNNECESSARY TO  
REPLACE BLOWN PIGTAIL  
FUSE BY CUTTING OR SOLDER-  
ING. TWINCLIPS SNAP  
ON THE BLOWN FUSE.  
INSULATED.

STOCK NO.	PRICE EACH			
	1	100	500	1000
504-3434	.76	.66	.57	CALL
				FOR
				QUOTE

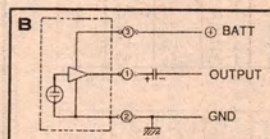


# MOUSER<sup>®</sup> Microphones

## MOUSER<sup>®</sup> ELECTRET CONDENSER MICROPHONES



- 1K OHM IMPEDANCE
- OMNI-DIRECTIONAL
- -64dB SENSITIVITY
- 50 TO 8KHZ FREQUENCY RANGE
- LESS THAN 1mA CURRENT DRAIN
- MORE THAN 40dB SIGNAL-TO-NOISE RATIO
- OPERATES FROM 2 TO 10VDC
- WORKING VOLTAGE 4VDC
- SOLID ALUMINUM HOUSINGS

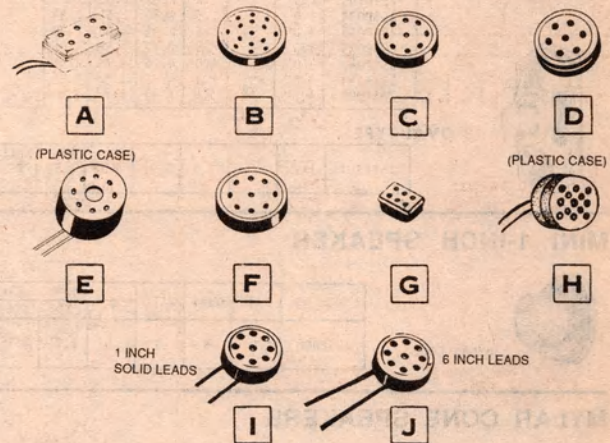


STOCK NO.	FIG	CIRCUIT	PRICE EACH			
			1	10	100	500
25LM040	1	A	1.26	.97	.88	CALL FOR QUOTE
25LM041	2	A	1.93	1.61	1.49	
25LM042	3	A	2.41	1.99	1.83	
25LM043	4	A	1.20	.97	.88	
25LM044	5	B	1.99	1.67	1.51	
25LM045	6	A	1.89	1.34	1.22	
25LM047	7	B	1.97	1.60	1.48	
25LM048	8	B	2.21	1.86	1.69	
25LM049	9	A	1.59	1.22	1.12	

## CRYSTAL CERAMIC MICROPHONE CARTRIDGES

A WIDE VARIETY OF PRECISION MADE ALUMINUM CARTRIDGES CAN BE USED IN A VARIETY OF OEM APPLICATIONS.

STOCK NO.	FIG	ELEMENT	FREQUENCY RESPONSE	IMPEDANCE	SENSITIVITY	DIMENSIONS		PRICE EACH			
						DIA	HT	1	10	100	500
25LM021	A	CERAMIC	100-7KHZ	7K	-70db	.85x.59	.34"	2.69	2.24	2.04	CALL FOR QUOTE
25LM022	B	CRYSTAL	50-8KHZ	25K	-55db	1.38"	.30"	2.46	2.05	1.86	
25LM023	C	CERAMIC	30-15KHZ	8K	-60db	1.0"	.39"	2.56	2.13	1.94	
25LM024	D	CRYSTAL	50-8KHZ	9K	-55db	2.0"	.32"	2.75	2.50	2.27	
25LM025	E	CRYSTAL	50-8KHZ	12K	-55db	1.0"	.32"	1.99	1.67	1.52	
25LM028	E	CRYSTAL	150-7KHZ	15K	-70db	.92"	.43"	.78	.65	.53	
25LM029	F	CRYSTAL	100-5KHZ	9K	-58db	1.3"	.43"	1.19	.91	.83	
25LM030	G	CERAMIC	100-7KHZ	7K	-70db	.85x.59	.34"	2.46	2.05	1.86	
25LM033	H	CRYSTAL	150-7KHZ	15K	-70db	.92"	.43"	.83	.70	.49	
25LM038	H	CRYSTAL	100-8KHZ	15K	-60db	.92"	.43"	1.56	1.19	1.09	
25LM039	E	CRYSTAL	100-8KHZ	15K	-60db	.92"	.43"	1.52	1.15	1.06	
25LM036	I	CERAMIC	30-15KHZ	8K	-60db	1.0"	.39"	2.60	2.17	1.99	
25LM037	J	CERAMIC	30-15KHZ	8K	-60db	1.0"	.39"	2.60	2.17	1.99	



## UNIDIRECTIONAL CONDENSER MICROPHONE

- OPERATIONAL VOLTAGE: 1.5 TO 14 VDC
- CURRENT DRAIN: .5MA
- SOLDER TERMINALS
- OUTPUT IMPEDANCE: 1K OHM
- SENSITIVITY: -64db  $\pm$  3db
- FREQUENCY RANGE: 50 TO 16 KHZ



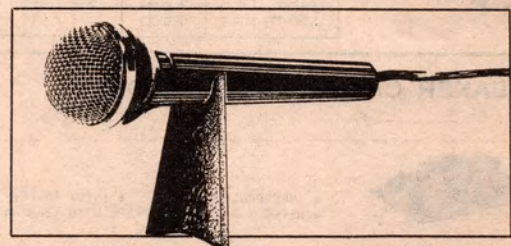
STOCK NO.	PRICE EACH			
	1	10	100	500
25LM050	3.45	2.88	2.62	CALL FOR QUOTE

## DYNAMIC MICROPHONE CARTRIDGE



STOCK NO.	FIG	DIMENSIONS		IMPEDANCE	FREQUENCY RANGE	SENSITIVITY	MAGNET TYPE	PRICE EACH			
		DIA	HT					1	10	100	500
25LM026	1	1.1"	.51"	500	60-12kHz	-68db	ALNICO	3.71	3.24	2.85	CALL FOR QUOTE
25LM027	2	.75"	.63"	200	80-12kHz	-73db	ALNICO	7.92	6.60	5.99	
25LM032	3	1.2"	.41"	500	50-15kHz	-80db	FERRITE	2.91	2.43	2.21	
25LM035	3	1.1"	.35"	32	150-12kHz	-80db	FERRITE	2.52	2.10	1.91	

## DYNAMIC MICROPHONE



- OMNI-DIRECTIONAL
- IMPEDANCE: 200 OHMS AT 1kHz
- SENSITIVITY: -83dB  $\pm$  4dB
- FREQUENCY RESPONSE: 100Hz 8kHz
- DIMENSIONS: 1.29"DIA. x 4.8"LENGTH
- 3-FOOT SHIELDED CABLE WITH 3.5mm PLUG

STOCK NO	DESCRIPTION	PRICE EACH			
		1	10	100	500
25LM034	WITH ON/OFF SWITCH	5.64	4.70	4.28	CALL FOR QUOTE
25LM054	WITHOUT ON/OFF SWITCH	4.99	4.59	4.18	



# MOUSER® Speakers

## ALNICO MINIATURE SPEAKERS

THESE ARE HIGH QUALITY ALNICO PM SPEAKERS IN A RANGE OF SIZES FOR TRANSISTOR RADIOS, AMPLIFIERS, INTERCOMS AND A VARIETY OF EQUIPMENT APPLICATIONS. ALL HAVE STANDARD MOUNTING PATTERNS, LUG TERMINALS, STURDY OPEN FRAME CONSTRUCTION AND ROUND YOKES.

### ROUND FRAME



STOCK NO.	DIA. IN.	OHMS	WATTS	PRICE EACH			
				1	10	100	500
25SP015	1.5"	8	.1	2.68	2.29	1.88	CALL FOR QUOTE
25SP007	1.5"	100	.2	2.68	2.29	1.88	
25SP009	1.75"	8	.1	2.64	1.99	1.84	
25SP002	2.0"	8	.2	2.25	2.08	1.69	
25SP008	2.0"	100	.2	2.30	2.08	1.69	
25SP024	2.25"	8	.2	2.59	1.95	1.81	
25SP029	2.25"	100	.2	2.75	2.35	1.77	
25SP025	2.5"	8	.2	2.64	1.99	1.84	
25SP027	2.75"	8	.3	2.22	1.79	1.55	
25SP005	2.75"	40	.3	2.54	2.30	1.99	
25SP013	3.0"	8	.5	2.32	2.08	1.66	
25SP017	3.0"	40	.5	2.80	2.55	1.93	

### SQUARE FRAME



STOCK NO.	DIA. IN.	OHMS	WATTS	PRICE EACH			
				1	10	100	500
25SP016	1.5"		.1	2.54	2.32	1.77	CALL FOR QUOTE
25SP003	2.0"		.2	2.67	2.21	1.87	
25SP023	2.0"		.2	2.67	2.21	1.87	
25SP104	2.25"		.2	2.48	2.15	1.58	
25SP105	2.5"		.2	2.82	2.35	2.20	
25SP030	3.0"		.5	2.80	2.54	1.94	
25SP018	3.0"		.5	2.92	2.65	2.29	
25SP035	3.5"		.8	2.82	2.56	1.96	
25SP040	4.0"		1.0	4.26	3.24	2.98	
25SP041	4.0"		1.0	4.35	3.38	3.04	
25SP004	4.0"	8	3.0	4.92	3.77	3.44	

### OVAL TYPE



STOCK NO.	SIZE	OHMS	WATT	PRICE EACH			
				1	10	100	500
25SP101	3x5"	8	1.0	5.05	3.78	3.53	CALL FOR QUOTE

## MINI 1-INCH SPEAKER



MYLAR CONE

STOCK NO.	SIZE	OHMS	WATT	PRICE EACH			
				1	10	100	500
25SP006	1.0"	8	.2	2.51	2.25	1.75	CALL FOR QUOTE

## MYLAR CONE SPEAKERS



HIGH QUALITY MYLAR CONE PROVIDES EXCELLENT MOISTURE RESISTANCE. ROUND FRAME CONSTRUCTION. ALNICO PM MAGNETS.

STOCK NO.	DIA. IN.	IMPEDANCE	WATTS	PRICE EACH			
				1	10	100	500
25SP106	2.1"	8 OHMS	.2	3.92	3.42	2.87	CALL FOR QUOTE
25SP107	1.5"	8 OHMS	.1	3.53	3.12	2.69	

## SPEAKER CROSSOVER NETWORKS



- IMPEDANCE: 8 OHMS
- INPUT POWER: 30 W
- NETWORK ON PLASTIC PANEL WITH TERMINALS



STOCK NO.	CROSSOVER	PRICE EACH			
		1	10	50	100
25CN002	2 WAY @ 5 KHz 6 dB/OCT	7.85	6.54	5.95	CALL FOR QUOTE
25CN003	3 WAY @ 1 AND 6 KHz 6 dB/OCT	12.99	11.48	10.44	

## SPEAKER MOUNTING CLIP

- MAY BE USED WITH OUR ROUND OR OVAL SPEAKERS

CAD PLATED STEEL CLIP FOR PANEL MOUNTING OF ROUND SPEAKERS HAS SLOTTED MOUNTING HOLE FOR 3MM METRIC SCREW OR #4 SCREW, 1/8" HOLE SIZE.



STOCK NO.	PRICE EACH			
	5	.00	1000	10,000
48SC004	.12	.038	.033	CALL FOR QUOTE

## CERAMIC (FERRITE) MINIATURE SPEAKERS

CERAMIC FERRITE SPEAKERS OFFER AN EXCELLENT ALTERNATIVE TO ALNICO PM SPEAKERS IN APPLICATIONS WHERE COST MUST BE A CONSIDERATION.

THESE QUALITY CERAMIC FERRITE SPEAKERS HAVE FREQUENCY RESPONSE AND SOUND QUALITY COMPARABLE TO THE ALNICO EQUIVALENT.

- OPEN FRAME CONSTRUCTION
- HIGH QUALITY BLACK PAPER CONE
- SOLDER LUG TERMINALS

### ROUND FRAME



STOCK NO.	DIA. IN.	IMPEDANCE	WATTS	PRICE EACH			
				1	10	100	500
25RF120	2.0"	8 OHMS	0.2	2.06	1.71	1.42	CALL FOR QUOTE
25RF121	2.25"	8 OHMS	0.3	2.12	1.76	1.45	
25RF122	2.5"	8 OHMS	0.5	1.82	1.51	1.25	
25RF123	2.75"	8 OHMS	0.5	2.15	1.78	1.48	
25RF124	3.0"	8 OHMS	0.5	2.09	1.74	1.44	

### SQUARE FRAME



STOCK NO.	DIA. IN.	IMPEDANCE	WATTS	PRICE EACH			
				1	10	100	500
25SF235	3.0"	8 OHMS	0.5"	2.12	1.77	1.45	CALL FOR QUOTE
25SF236	3.5"	8 OHMS	1.0"	2.35	2.01	1.65	
25SF237	4.0"	8 OHMS	1.0"	2.41	1.99	1.75	

### OVAL TYPE



STOCK NO.	SIZE	IMPEDANCE	WATTS	PRICE EACH			
				1	10	100	500
25SP103	4x6"	8 OHMS	5.0	5.44	4.21	3.80	CALL FOR QUOTE

## MOUSER® DYNAMIC MYLAR SPEAKERS

IDEAL FOR USE IN STEREO HEADSETS. EXCELLENT MOISTURE RESISTANCE AND SOUND QUALITY. AVAILABLE WITH ALNICO OR FERRITE (CERAMIC) MAGNET.

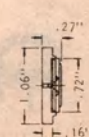
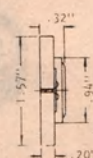
- 4 INCH LEADS (RED/BLACK)
- 32 OHM IMPEDANCE
- 150 MILLI-WATTS
- FREQUENCY RESPONSE: 20-20KHz
- FLAT RESPONSE CURVE FROM 150Hz to 12KHz



25SP222

25SP223

25SP224

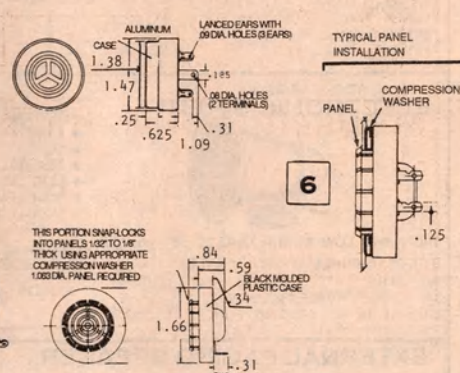
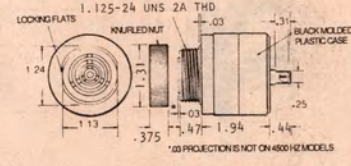
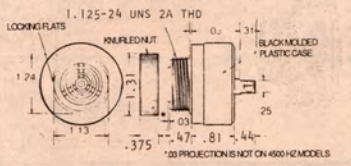
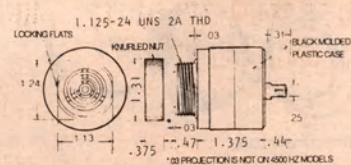


STOCK NO.	DIA.	IMP	RATED INPUT (WATTS)	MAGNET	SENSITIVITY	PRICE EACH			
						1	10	100	500
25SP222	1.57"	32	.15	ALNICO	110dB @ .2"	3.97	3.31	2.99	CALL FOR QUOTE
25SP223	1.06"	32	.15	ALNICO	100dB @ .2"	4.07	3.39	3.08	
25SP224	1.57"	32	.15	FERRITE	108dB @ .2"	2.41	1.99	1.83	



# MALLORY

## Sonalert Solid State Signal Devices



ALL DIMENSIONS IN INCHES

- NO MOVING PARTS/ALL SOLID STATE.
- OPERATES FROM A VARIETY OF POWER SOURCES.
- LIGHTWEIGHT
- NO ARCING OR MECHANICAL WEAR.

ELECTRICAL POWER IS CONVERTED TO SOUND BY MEANS OF A PIEZOELECTRIC TRANSDUCER, OPERATING SUBSTANTIALLY AT RESONANCE IN A SOLID STATE OSCILLATOR.

STOCK NO.	PART	FREQ.	OPERATING VOLTAGE

STOCK NO	FIG	FREQ. ± 500Hz	OPERATING VOLTAGE		PRICE EACH			100	
			MIN.	MAX.	1	25	50		
539-SC110	1	2900	30AC/DC	120AC/DC	16.46	15.66	15.13	CALL FOR QUOTE	
539-SC110H	1	4500	30AC/DC	120AC/DC	19.82	18.87	18.22		
539-SC628	2	2900	40C	280C	11.49	10.93	10.49		
539-SC628A	1	2900	6AC/DC	28AC/DC	16.46	15.66	15.13		
539-SC628D	2	1900	60C	280C	12.45	11.84	11.43		
539-SC628H	2	4500	60C	280C	12.45	11.84	11.43		
539-SC648	2	2900	100C	480C	11.49	10.93	10.55		
539-SC616N	2	2900	60C	160C	14.40	13.70	13.22		
FAST PULSE									
539-SC110P	3	2900	30AC/DC	120AC/DC	24.59	23.40	22.59		
539-SC628P	1	2900	60C	280C	18.66	17.73	17.14		
539-SC616NP	2	2900	60C	160C	16.46	15.67	15.11		

**MINI-SONALERT** CONTINUOUS TONE UNIT 539-628D OR 539-628H

STOCK NO.	FIG.	FREQ. + 500Hz	OPERATING VOLTAGE		PRICE EACH			
			MIN	MAX	1	25	50	100
539-SC628W	I	2900	60C	280C	18.66	17.73	17.14	CALL FOR QUOTE

**MINI-SONALERT** • MORE COMPACT THAN THE MINIATURE DEVICES

STOCK NO.	FIG.	FREQ. + 500Hz	OPERATING VOLTAGE		PRICE EACH			
			MIN	MAX	1	25	50	100
539-SC1.5	4	3500	10C	40C	9.73	9.26	8.94	CALL FOR
539-SC6	4	3500	40C	80C	9.73	9.26	8.94	FOR
539-SC12	4	3500	80C	150C	9.73	9.26	8.94	QUOTE

**MINIATURE SONALERT • SNAP IN DESIGN FOR EASY INSTALLATION**

STOCK NO.	FIG.	FREQ. + 500Hz	OPERATING VOLTAGE		PRICE EACH			
			MIN	MAX	1	25	50	100
539-SNP428	5	2900	4DC	280C	9.73	9.26	8.94	CALL FOR QUOTE

**COMPRESSION WASHERS** FOR MOUNTING 539-SNP428

STOCK NO.	FIG.	PANEL THICKNESS INCHES	PRICE EACH			
			1	25	50	100
539-PW1	6	.125 TO .109	.10	.087	.084	CALL
539-PW2	6	.093 TO .056	.15	.14	.13	FOR
539-PW3	6	.053 TO .031	.21	.19	.18	QUOTE

**MOUSER® CRYSTAL/DYNAMIC  
EARPHONES**

QUALITY MOLDED PLASTIC EARPHONES IN A VARIETY OF IMPEDANCES AND PLUG SIZES TO MEET YOUR REQUIREMENTS. ALL HAVE STANDARD MOLDED ON PLASTIC PLUGS. SPECIAL CORD LENGTHS OR IMPEDANCES ARE AVAILABLE, CONTACT OUR SALES DEPT FOR A QUOTE.



COMES WITH EAR SUPPORT  
(SHOWN IN FIG. 5)

**CURVED  
EARPIECE**  
COMFORTABLE,  
STAYS IN EAR  
WITHOUT EAR  
SUPPORT.

REPLACEMENT  
FAR SUPPORT

## CRYSTAL EARPHONES

STOCK NO.	FIG.	IMPEDANCE (OHMS)	CORD LENGTH (FT)	COLOR	PRICE EACH			
					1	10	100	500
3/32"(2.5mm) PLUG								
25CR025	1	2K-10K APPROX.	3	TAN	1.34	1.18	1.05	CALL FOR QUOTE
1/8"(3.5mm) PLUG								
25CR035	1	2K-10K APPROX.	3	TAN	1.36	1.24	1.12	
(TINNED LEADS)								
25CR060	1	2K-10K APPROX.	3	TAN	1.25	.99	.87	

## DYNAMIC EARPHONES

3/32" (2.5mm) PLUG							CALL FOR QUOTE
25DE024	3	8 <sup>+</sup> -20%	6	GREY	.89	.68	
25DE025	2	8 <sup>+</sup> -20%	3	WHITE	.61	.40	
25DE026	2	8 <sup>+</sup> -20%	6	WHITE	.64	.43	
25DE028	4	15 <sup>+</sup> -20%	6	FLESH TONE	.77	.59	
1/8" (3.5mm) PLUG							
25DE034	3	8 <sup>+</sup> -20%	6	GREY	.95	.76	
25DE035	3	8 <sup>+</sup> -20%	3	GREY	.78	.59	
25DE036	4	8 <sup>+</sup> -20%	6	FLESH TONE	.75	.52	
25DE038	4	15 <sup>+</sup> -20%	6	FLESH TONE	.85	.68	
25DE039	4	1K-20%	3	FLESH TONE	.99	.79	

## REPLACEMENT EAR SUPPORT MIN. ORDER = 5 PCS.

25DE001	5	WHITE EARRANGER FOR USE WITH ALL EARPHONES SHOWN ABOVE	.10	.09	.06	CALL FOR
25DE002	5	SAME AS ABOVE EXCEPT PINK	.10	.09	.06	QUOTE

**"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.**

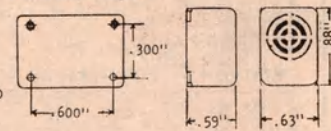


# Audio Indicators & Security Components

## MOUSER® PIEZO-ELECTRONIC BUZZERS



Printed Circuit Diagram



### FEATURES

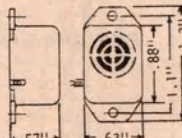
- EMITS A LOW FREQUENCY ELECTRONIC SOUND
- NO ARCING OR RF NOISE
- LOW CURRENT DRAIN
- WORKING TEMPERATURE: -20°C TO +60°C
- OUTPUT: 80dB AT 8"

STOCK NO.	VOLTAGE (VDC)		CURRENT (mA)		PRICE EACH			
	NOMINAL	OPERATING	DRAIN	TRIGGER	1	10	100	500
ME251-0006	6	4-8	25	1	2.47	1.99	1.87	CALL FOR QUOTE
ME251-0012	12	8-16	25	1	2.47	1.99	1.87	FOR QUOTE

## MOUSER PIEZO-ELECTRONIC BUZZERS

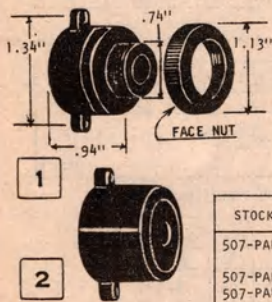


- NO ARCING OR RF NOISE
- WORKING TEMP. -10° TO +50°C
- LOW CURRENT DRAIN
- OUTPUT 80dB AT 8"



STOCK NO.	VOLTAGE VDC	OPERATING RANGE VDC	CURRENT DRAIN MA.	PRICE EACH			
				1	10	100	500
25MS030	3	1.5-4.0	25	2.14	1.82	1.65	CALL FOR QUOTE
25MS060	6	3.0-9.0	25	2.14	1.82	1.65	FOR QUOTE
25MS120	12	6.0-16.0	25	2.14	1.82	1.65	FOR QUOTE

## PIEZO-A-LERT



SOLID-STATE DEVICE EMITS A COMPELLING SOUND. OPERATING ON AS LITTLE AS 2VDC BUT ACCEPTING 24VDC. FEATURES A MULTI-FUNCTIONAL MOUNTING METHOD. INSERTS INTO ANY STANDARD 3/4" KNOCK-OUT HOLE AND SECURED BY MEANS OF A FACE NUT. CAN ALSO BE BASE MOUNTED.

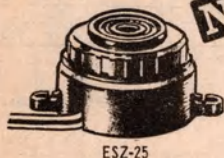
U.L. RECOGNIZED

### SPECIFICATIONS

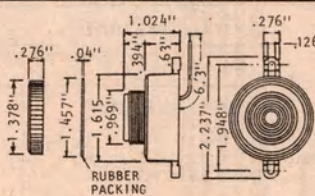
- RATED VOLTAGE: 3-24V DC
- CURRENT (MAX): 15mA
- SOUND OUTPUT: 68 TO 100dB @ 1 METER
- OPERATING TEMP: -25° TO +75°C

STOCK NO.	FIG.	NUT FINISH	PRICE EACH			
			1	10	25	50
507-PAL32B	2	W/O FACE NUT	5.12	4.83	4.64	CALL FOR QUOTE
507-PAL328N	1	BLACK	5.79	5.55	5.30	FOR QUOTE
507-PAL328NC	1	CHROME	6.50	6.25	5.99	FOR QUOTE

## PIEZO-A-LERT



**NEW!**



MOUNTING HOLE SIZE: 1.0"DIA. UP TO 1.18"DIA.

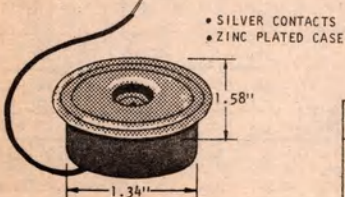
### SPECIFICATIONS

ELECTRICAL RATINGS APPLY TO ALL MODELS.

RATED VOLTAGE: 3-28 VDC  
RATED CURRENT: 20mA MAX. AT 24 VDC  
STARTING VOLTAGE: 2.4V DC MAX.  
LEAD LENGTH: 6 INCHES  
SOUND OUTPUT AT:

- 3V: 82dB @ 1 FT.
- 6V: 90dB @ 1 FT.
- 12V: 98dB @ 1 FT.
- 24V: 103dB @ 1 FT.
- 28V: 104dB @ 1 FT.

## MINIATURE DC BUZZERS



- SILVER CONTACTS
- ZINC PLATED CASE

STOCK NO.	DESIGN MIN. VOLTS	MIN. VOLTS	CURRENT DRAIN
25BL006	6.0V	3.0V	100mA
25BL012	12.0V	7.0V	60mA

STOCK NO.	PRICE EACH			
	1	10	100	500
25BL006	2.29	1.89	1.69	CALL FOR QUOTE
25BL012	2.29	1.89	1.69	FOR QUOTE

## MOUSER® "VARI-ADJUST GLASS-GUARD"



THIS UNIQUE VIBRATION DETECTOR IS A DEPENDABLE UNIT FOR SENSING GLASS BREAKAGE. USER ADJUSTABLE FOR DIFFERING RECEIVER SENSITIVITY, GLASS THICKNESS, AND NON-GLASS SURFACES. ORDER T FOR STRAIGHT, W FOR COILED CORD.

### SPECIFICATIONS

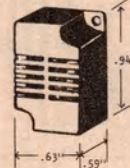
- OPERATING VOLTAGE: 50VDC MAX.
- OPERATING CURRENT: 0.1ADC MAX.
- CONTACT RESISTANCE: 200 MILLIOHM MAX.
- LIFE EXPECTANCY: 100,000 CYCLES MIN.
- DIAMETER: 1.55 INCHES
- HEIGHT: .65 INCHES
- WEIGHT: 22 GRAMS

### FEATURES

- COMPATIBLE WITH ANY OTHER MECHANICAL VIBRATION DETECTORS.
- NEEDS NO CONTROL BOX, POWER SUPPLY ETC.
- TRANSPARENT LENS FOR QUICK CHECK OF SENSITIVITY SETTINGS.
- ADHESIVE PAD INCLUDED.

STOCK NO.	TYPE OF CORD	LENGTH	PRICE EACH			
			1	10	25	50
ME106-GSS830W	COILED	10"-72"	20.43	18.57	16.89	CALL FOR QUOTE
ME106-GSS830T	STRAIGHT	10"	17.84	16.22	14.75	FOR QUOTE

## PIEZO-ELECTRONIC BUZZERS



RATED VOLTAGE	DC1.5V	DC3V	DC6V	DC12V	DC24V
RATED CURRENT (mA)	15	15	15	15	12
STARTING VOLTAGE (V)	1.1 MAX	2 MAX	4 MAX	8 MAX	12 MAX
POWER OUTPUT (dB AT 10")	60 MIN.		70 MIN.		
OPERATING TEMPERATURE	-20°C ~ +60°C				

THESE BUZZERS ARE MINIATURES, MAKING THEM ESPECIALLY SUITABLE FOR SMALL INSTRUMENTS SUCH AS CLOCKS. THEY FEATURE LOW POWER CONSUMPTION AND A HIGHLY RELIABLE, LONG LIFE.

STOCK NO.	RATED VOLTAGE	PRICE EACH			
		1	10	25	50
507-ES212-6	6V	3.25	2.95	2.75	CALL FOR QUOTE

## WEATHER RESISTANT ELECTRONIC SIREN



### SPECIFICATIONS

- RATED VOLTAGES: 6 TO 12 VOLT DC
- CURRENT: 600 mA MAX.
- TEMPERATURE RANGE: -30°F TO +185°F
- LEAD LENGTH: 12 INCHES
- HORN DIAMETER: 5 1/4"
- OVERALL LENGTH: 6 INCHES

HIGH AND LOW SHARP BLASTS OF "WHOO" TONES AUDIBLE OVER 1/4 MILE! NO MOVING PARTS, COMPLETELY SELF CONTAINED ON MOISTURE-PROOF ENCLOSURE. SIMILAR TO THE SOUND USED BY POLICE AND FIRE DEPARTMENT.

STOCK NO.	PRICE EACH			
	1	10	50	100
25BR520	23.60	17.99	16.52	CALL FOR QUOTE

## EXTERNAL PAGING SPEAKER



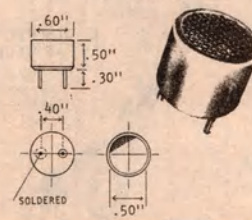
MINIATURE WEATHERPROOF INDOOR/OUTDOOR PAGING OR PORTABLE P.A. SPEAKER IDEAL FOR MARINE, CB, INDUSTRIAL ADDRESS INSTALLATIONS, SPORTS, ETC.

- FREQUENCY RESPONSE 400-7000Hz; PERMANENT MAGNET DRIVER; 8ohms IMPEDANCE; 5-watt POWER RATING; HORN 5" dia., 5" length.

STOCK NO.	PRICE EACH			
	1	10	50	100
25AE210	11.44	9.89	8.99	CALL FOR QUOTE

## MOUSER® ULTRASONIC TRANSDUCER

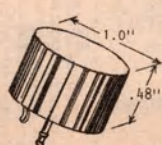
**NEW!**



THESE TRANSMITTERS AND RECEIVERS OPERATE ON 40 KHZ FREQUENCY. THEY ARE USED IN ULTRASONIC PROTECTION SYSTEMS AND ALARM DEVICES.

STOCK NO.	TYPE	MAX INPUT V	PRICE EACH			
			1	10	50	100
ME251-1601	TX	60	5.36	4.57	4.15	CALL FOR QUOTE
ME251-1602	RX	60	5.36	4.57	4.15	FOR QUOTE

## ULTRASONIC TRANSDUCER



TRANSMITS OR RECEIVES 40K Hz ULTRASONIC WAVES. USED IN REMOTE CONTROLS AND ULTRASONIC INTRUSION PROTECTING DEVICES AND ALARMS. SCHEMATIC DIAGRAMS INCLUDED.

STOCK NO.	PRICE EACH			
	1	10	50	100
524-J4-815	10.95	9.84	9.51	CALL FOR QUOTE

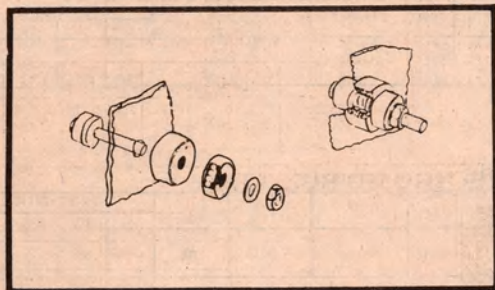


# Panel Meters

## MOUSER® ROUND PUNCH

• FOR METERS AND OTHER PANEL COMPONENTS

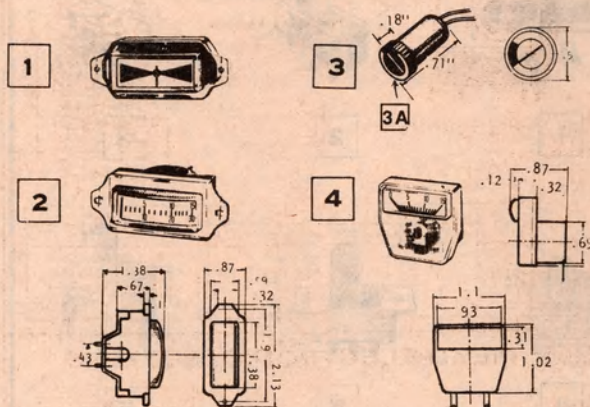
THESE HOLE PUNCHES EASILY CUT HOLES UP TO 1/16" THICK CONDUIT, BRASS, DIECAST ALLOY, ETC.



ROUND HOLE PUNCHES

STOCK NO.	HOLE SIZE	PRICE EACH	
		1	5
38RH034	3/4"	10.98	9.99
38RH078	7/8"	10.98	9.99
38RH100	1"	11.94	10.86
38RH114	1 1/4"	12.49	11.36
38RH112	1 1/2"	19.98	18.32
38RH134	1 3/4"	28.99	27.49

## MOUSER® DC MINIATURE PANEL METERS ±10% ACCURACY



STOCK NO.	FIG. NO.	SCALE	R <sub>OHMS</sub>	FEATURES	PRICE EACH			
					1	10	25	50
39TM105	1	BALANCE	600	ZERO CENTERING	7.89	6.58	5.98	CALL FOR QUOTE
39TM301	2	0-15+0-30	600	DUAL SCALE	7.89	6.58	5.98	CALL FOR QUOTE
39TM501	3	RED-GREEN	500	BATTERY INDICATOR	8.36	6.88	6.33	CALL FOR QUOTE
39TM502	3	RED-BLUE	500	BATTERY INDICATOR	8.99	7.53	6.85	CALL FOR QUOTE
39TM601	4	0-15	600	70° SCALE ANGLE	7.98	6.65	6.05	CALL FOR QUOTE

### REPLACEMENT COVERS

PART NO.	FIG. NO.	DESCRIPTION	PRICE EACH			
			1	10	25	50
39TM500	3A	CLEAR REPLACEMENT COVER FOR 39TM501 & 39TM502	.07	.05	.045	CALL FOR QUOTE

## MODUTEC PANEL METERS

5% ACCURACY



DIMENSIONS (INCHES)

METER SIZE	A	B	C	D	E	F
3 1/2"	3.70"	2.88"	.94"	1.55"	.50"	.41"
2"	2.48"	2.36"	1.10"	1.41"	.50"	.41"
1"	1.51"	1.59"	.90"	.85"	.50"	.38"

### 1" SURFACE MOUNT

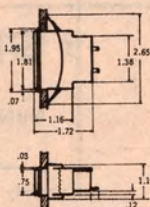
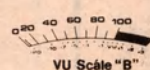
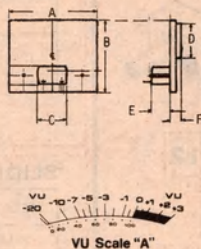
• 1" SCALE

STOCK NO.	RANGE	R <sub>OHMS</sub>	PRICE EACH			
			1	10	25	50
<b>DC MILLIAMMETER</b>						
541-MS-DMA-001	0-1	2300	11.00	10.12	9.35	CALL FOR QUOTE
<b>DC VOLTMETER</b>						
541-MS-DVV-015	0-15	3000	11.00	10.12	9.35	CALL FOR QUOTE
541-MS-DVV-030	0-30	6000	11.00	10.12	9.35	CALL FOR QUOTE

### 2" SURFACE MOUNT

• 2" SCALE

STOCK NO.	RANGE	R <sub>OHMS</sub>	PRICE EACH			
			1	10	25	50
<b>DC MILLIAMMETER</b>						
541-MSQ-DMA-001	0-1	2300	13.00	11.96	11.05	CALL FOR QUOTE
541-MSQ-DMA-050	0-50	9	13.00	11.96	11.05	CALL FOR QUOTE
541-MSQ-DMA-100	0-100	2.3	13.00	11.96	11.05	CALL FOR QUOTE
<b>DC AMMETER</b>						
541-MSQ-DAA-001	0-1	<60mV DROP	13.00	11.96	11.05	CALL FOR QUOTE
541-MSQ-DAA-003	0-3	<60mV DROP	13.00	11.96	11.05	CALL FOR QUOTE
541-MSQ-DAA-010	0-10	<60mV DROP	13.00	11.96	11.05	CALL FOR QUOTE
<b>DC VOLTMETER</b>						
541-MSQ-DVV-010	0-10	2000	14.00	12.88	11.90	CALL FOR QUOTE
541-MSQ-DVV-015	0-15	3000	14.00	12.88	11.90	CALL FOR QUOTE
541-MSQ-DVV-030	0-30	6000	13.00	11.96	11.05	CALL FOR QUOTE
541-MSQ-DVV-050	0-50	10,000	13.00	11.96	11.05	CALL FOR QUOTE
541-MSQ-DVV-150	15-0-15	3000	14.00	12.88	11.90	CALL FOR QUOTE
<b>AC VOLTMETER</b>						
541-MSQ-AVV-150	0-150	100,000	14.00	12.88	11.90	CALL FOR QUOTE
<b>VU-TYPE METER</b>						
541-MSQ-AVU-AW	SCALE A		18.00	16.56	15.30	CALL FOR QUOTE
541-MSQ-AVU-BW	SCALE B		18.00	16.56	15.30	CALL FOR QUOTE



### PANEL METER ILLUMINATION KIT

CONSISTS OF TWO 6V LAMPS AND TWO HOLDERS WITH SPACERS AND INSTRUCTIONS. EASILY INSTALLED BEHIND PANEL. FOR 6V OR 12V USE. PARALLEL OR SERIES HOOKUP. NOT AVAILABLE FOR EDGE-READING METERS.

### 3 1/2" SURFACE MOUNT

• 2.7" SCALE

STOCK NO.	RANGE	R <sub>OHMS</sub>	PRICE EACH			
			1	10	25	50
<b>DC MICROAMMETER</b>						
541-MS-DUA-5H5	500-0-500	4700	15.00	13.80	12.75	CALL FOR QUOTE
<b>DC MILLIAMMETER</b>						
541-MS-DMA-001	0-1	2300	14.00	12.88	11.90	CALL FOR QUOTE
541-MS-DMA-010	0-10	244	14.00	12.88	11.90	CALL FOR QUOTE
<b>DC AMMETER</b>						
541-MS-DAA-001	0-1	<60mV DROP	14.00	12.88	11.90	CALL FOR QUOTE
541-MS-DAA-005	0-5	<60mV DROP	14.00	12.88	11.90	CALL FOR QUOTE
541-MS-DAA-010	0-10	<60mV DROP	13.00	11.96	11.05	CALL FOR QUOTE
<b>DC VOLTMETER</b>						
541-MS-DVV-015	0-15	3000	15.00	13.80	12.75	CALL FOR QUOTE
541-MS-DVV-030	0-30	6000	15.00	13.80	12.75	CALL FOR QUOTE
<b>AC VOLTMETER</b>						
541-MS-AVV-150	0-150	100,000	15.00	13.80	12.75	CALL FOR QUOTE

### EDGE READING

• 1.5" SCALE

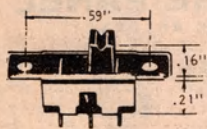
STOCK NO.	RANGE	R <sub>OHMS</sub>	PRICE EACH			
			1	10	25	50
<b>DC MILLIAMMETER</b>						
541-ME-DMA-001	0-1	2300	12.00	11.04	10.20	CALL FOR QUOTE
<b>DC AMMETER</b>						
541-ME-DAA-005	0-5	<60mV DROP	11.00	10.12	9.35	CALL FOR QUOTE
541-ME-DAA-010	0-10	<60mV DROP	10.00	9.20	8.50	CALL FOR QUOTE
<b>DC VOLTMETER</b>						
541-ME-DVV-015	0-15	3000	11.00	10.12	9.35	CALL FOR QUOTE
541-ME-DVV-030	0-30	6000	11.00	10.12	9.35	CALL FOR QUOTE
541-ME-DVV-150	15-0-15	3000	12.00	11.04	10.20	CALL FOR QUOTE
<b>AC VOLTMETER</b>						
541-ME-AVV-150	0-150	100,000	12.00	11.04	10.20	CALL FOR QUOTE

STOCK NO.	PRICE EACH			
	1	10	25	50
541-KM6-25P	8.00	7.36	6.80	CALL FOR QUOTE

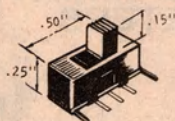
"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.



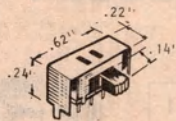
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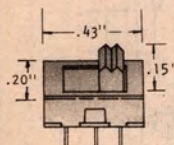
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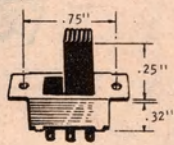
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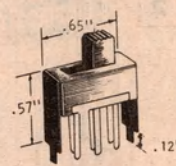
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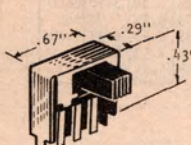
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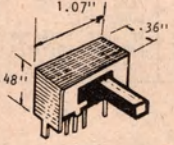
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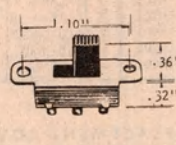
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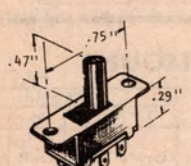
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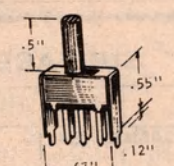
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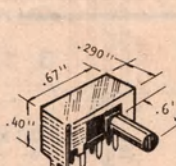
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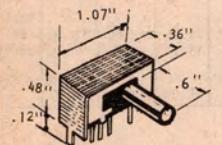
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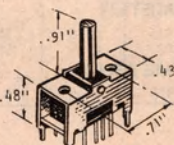
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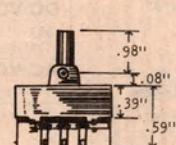
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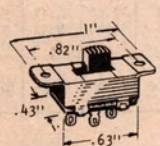
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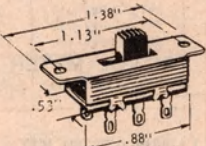
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## MOUSER® Slide Switches

### SUB-MINIATURE SOLDER TERMINALS

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	MTG. HOLE	PRICE EACH			
						1	10	100	500
10SM007	1	SPDT	ON-ON	.3A 125V	#2 & NUT	.36	.27	.25	CALL FOR QUOTE

### SUB-MINIATURE PC TERMINALS

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	PRICE EACH			
					1	10	100	500
10SP018	2	SPDT	ON-ON	.5A 125V	.42	.32	.29	CALL FOR QUOTE
10SP013	3	SPDT	ON-ON	.5A 50VDC	.42	.36	.33	CALL FOR QUOTE
10SP001	4	SPDT	ON-ON	.5A 125V	.30	.26	.23	CALL FOR QUOTE

### MINIATURE SOLDER TERMINALS

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	MTG. HOLE	PRICE EACH			
						1	10	100	500
10SM002	5	DPDT	ON-ON	.5A 50VDC	M2	.30	.26	.19	CALL FOR QUOTE

### MINIATURE PC TERMINALS

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	KNOB HEIGHT	PRICE EACH			
						1	10	100	500
10SP002	6	DPDT	ON-ON	1A 125V	.24"	.30	.26	.21	CALL FOR QUOTE
10SP004	6	DPDT	ON-ON	1A 125V	.47"	.30	.26	.23	CALL FOR QUOTE
10SP012	7	DPDT	ON-ON	1A 125V	.24"	.30	.27	.24	CALL FOR QUOTE
10SP015	8	DP3T	ON-ON-ON	.5A 50VDC	.34"	.69	.59	.54	CALL FOR QUOTE

### STANDARD SOLDER TERMINALS

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	MTG. HOLE	PRICE EACH			
						1	10	100	500
10SS002	9	DPDT	ON-ON	3A 125V	M3	.57	.43	.39	CALL FOR QUOTE

### SLIDE SWITCHES WITH BRUSHED ALUMINUM HANDLES

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	PRICE EACH			
					1	10	100	500
10SL001	10	DPDT	ON-ON	.5A 50VDC	.42	.36	.33	CALL FOR QUOTE
10SL005	11	DPDT	ON-ON	.3A 125VAC	.45	.39	.36	CALL FOR QUOTE
10SL009	12	DPDT	ON-ON	.5A 50VDC	.44	.36	.33	CALL FOR QUOTE
10SL008	13	DP3T	ON-ON-ON	.5A 50VDC	.77	.64	.58	CALL FOR QUOTE

### TOGGLE SWITCHES WITH BRUSHED ALUMINUM HANDLES

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	PRICE EACH			
					1	10	100	500
10TS003	14	DP3T	ON-ON-ON	.3A 50VDC	1.05	.87	.79	CALL FOR QUOTE
10TS002	15	DPDT	ON-ON	.5A 50VDC	.46	.38	.35	CALL FOR QUOTE

## STACKPOLE Slide Switches

### MINIATURE

STOCK NO.	FIG.	TYPE	AC RATING	PRICE EACH			
				1	10	100	500
576-S-9022CD01-0	16	DPDT	1A 125V	.79	.55	.49	CALL FOR QUOTE

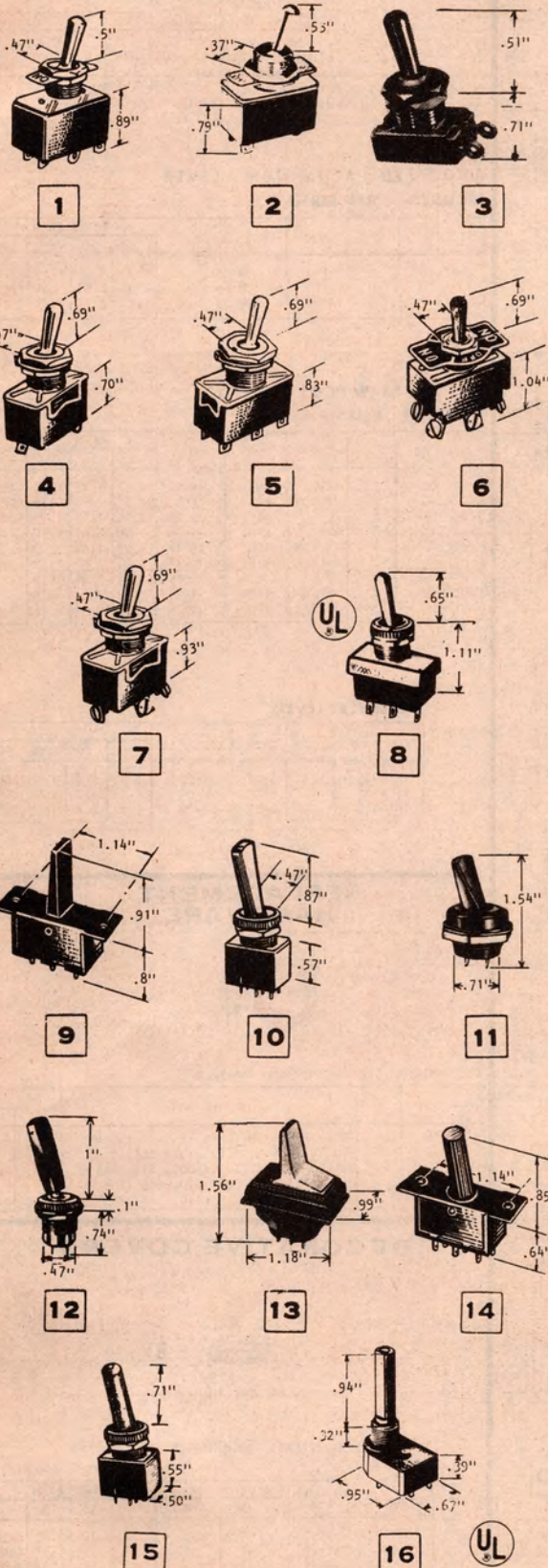
### SLIDE SWITCHES SOLDER TERMINALS UL & CSA LISTED

STOCK NO.	FIG.	TYPE	AC RATING	PRICE EACH			
				1	10	100	500
576-S-2013SD06-0	17	SP3P	6A 125V	.53	.36	.32	CALL FOR QUOTE
576-S-5022CD03-0	17	DPDT	3A 125V	.75	.59	.46	CALL FOR QUOTE





(DIMENSIONS SHOWN IN INCHES)



## STANDARD SIZE TOGGLE SWITCHES

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING(AC)	PRICE EACH			
					1	10	100	500
STANDARD DUTY								
10TE002	1	DPDT	ON-ON	3A 125V	1.98	1.66	1.52	CALL FOR QUOTE
10TE005	2	SPST	ON-OFF	3A 125V	.99	.85	.78	
LOW PROFILE								
10TE004	3	SPST	ON-OFF	6A 125V	1.38	1.05	.96	CALL FOR QUOTE
HEAVY DUTY VIBRATION RESISTANT								
10TE006	4	SPST	ON-OFF	10A 250V	1.63	1.36	1.24	CALL FOR QUOTE
10TE007	5	DPDT	ON-ON	10A 250V	2.09	1.74	1.58	
10TE008	6	DPDT	ON-OFF-ON	10A 125V	1.53	1.32	1.20	
10TE012	7	SPDT	ON-OFF-ON	10A 250V	1.67	1.39	1.27	
HI-REL UL LISTED (E43907)								
10DS235	8	SPST	ON-OFF	6A 250V	3.16	2.87	2.61	CALL FOR QUOTE
10DS236	8	SPDT	ON-ON	6A 250V	5.61	4.67	4.25	
10DS237	8	SPDT	ON-OFF-ON	6A 250V	3.79	3.16	2.87	
10DS238	8	DPDT	ON-ON	6A 250V	5.32	4.44	3.99	
10DS239	8	DPDT	ON-OFF-ON	6A 250V	6.29	5.24	4.76	
PLASTIC HANDLE								
10TL050	9	DPDT	ON-ON	.3A 125V	1.62	1.35	1.23	CALL FOR QUOTE
10TL020	10	SPST	ON-OFF	6A 125V	2.69	2.20	1.99	
10TL021	10	SPDT	ON-ON	6A 125V	2.95	2.46	2.24	
10TL022	10	DPDT	ON-ON	6A 125V	5.03	4.19	3.81	
10DS070	11	SPST	ON-OFF	3A 250V	2.15	1.95	1.78	
10DS072	11	SPDT	ON-OH	3A 250V	2.38	1.98	1.80	
10DS274	12	SPST	ON-OFF	3A 125V	3.26	2.72	2.47	
10DS391	13	SPST	ON-OFF	6A 125V	2.10	1.75	1.59	
10DS392	13	SPDT	ON-ON	6A 125V	2.51	2.09	1.89	
10MS393	13	DPDT	ON-ON	6A 125V	3.55	2.96	2.69	
ALUMINUM HANDLE LOW CURRENT RATING								
10TL030	14	DPDT	ON-ON	.3A 125VAC	2.32	1.93	1.76	CALL FOR QUOTE
BRASS-NICKEL PLATED HANDLE LOW CURRENT RATING								
10TL031	14	DPDT	ON-ON	.3A 125VAC	2.32	1.93	1.76	

## LED ILLUMINATED TOGGLE SWITCH

### SPECIFICATIONS

#### LED DATA

INTENSITY:  
2.1mcd  
IF: 20mA  
VF: 1.7

- MOUNTING HOLE: .472"
- BRUSHED ALUMINUM LEVER
- LED ON A SEPARATE CIRCUIT
- RATING: 3A 125VAC
- CONTACT RESISTANCE: 20m OHMS @ 2.5VDC
- INSULATION RESISTANCE: 100M OHMS @ 500VDC
- VOLTAGE BREAKDOWN: 1000VAC 1 MIN.

STOCK NO.	FIG.	COLOR	TYPE	CIRCUIT	PRICE EACH			
					1	10	100	500
10TR414	15	RED	SPST	ON-OFF	4.47	3.72	3.39	CALL FOR QUOTE
10TR415	15	GREEN	SPST	ON-OFF	4.74	3.95	3.60	
10TR416	15	RED	SPDT	ON-ON	4.17	3.47	3.16	
10TR417	15	GREEN	SPDT	ON-ON	4.89	4.07	3.70	

## ROTARY SWITCH



UL LISTED ROTARY SWITCH FLAME RETARDANT PLASTIC. UL 94-V0. SILVER PLATED CONTACTS. APPROVED PER BS415 AND SEMKO CLASS 11. SHAFT IS PLASTIC AND CAN BE CUT TO DESIRED LENGTH.

### SPECIFICATIONS

- CIRCUIT TYPE: 2 POLE, 2 POSITION (ON-OFF)
- CONTACT RATING: 4 AMPS 250 VAC, 3A 120 VAC

STOCK NO.	FIG.	PRICE EACH			
		1	10	100	500
10WF001	16	3.63	2.96	2.69	CALL FOR QUOTE

## REPLACEMENT HARDWARE



SEE HARDWARE SECTION OF CATALOG FOR MORE HARDWARE

STOCK NO.	I.D.	FOR USE WITH:	PRICE EACH	
			100	1000
48AN012	12mm	10TE SERIES SWITCHES (EXCEPT 10TE004), 10TL SERIES SWITCHES (EXCEPT 10TL050, 021), 10TR SERIES SWITCHES	.027	.02



# MOUSER® Toggle Switches

## STANDARD RELIABILITY TOGGLE SWITCHES

### MINIATURE

- RATING: 6A 125VAC, 3A 250VAC
- VOLTAGE BREAKDOWN: 1000VAC 1 MIN.
- CONTACT RESISTANCE: 20m OHMS ± 2.5VDC
- SOLDER TERMINAL
- SILVER PLATED CONTACTS AND TERMINALS
- ( ) = MOMENTARY CONTACT

#### STANDARD SWITCHES • BRIGHT PLATED HANDLE

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTA820	1	SPST	ON-OFF	1.96	1.63	1.48	CALL
IOTA830	1	SPDT	ON-ON	2.10	1.75	1.59	FOR
IOTA860	1	DPDT	ON-ON	2.77	2.31	2.09	QUOTE

#### STANDARD SWITCHES • BRIGHT PLATED HANDLE MOUSER "BLACK SERIES" • HIGHER CURRENT RATINGS

STOCK NO.	FIG.	TYPE	RATING	CIRCUIT	PRICE EACH			
					1	10	100	500
IOTC320	2	SPST	10A 125VAC	ON-OFF	2.09	1.74	1.58	CALL
IOTC330	2	SPDT	10A 125VAC	ON-ON	2.27	1.89	1.72	FOR
IOTC335	2	SPDT	6A 125VAC	ON-OFF-ON	2.51	2.09	1.89	QUOTE
IOTC360	2	DPDT	10A 125VAC	ON-ON	3.19	2.66	2.42	
IOTC365	2	DPDT	6A 125VAC	ON-OFF-ON	3.39	2.83	2.57	

#### STANDARD LEVER SWITCHES • BRIGHT PLATED HANDLE

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTC220	3	SPST	ON-OFF <sup>a</sup>	1.72	1.44	1.29	CALL
IOTC230	3	SPDT	ON-ON <sup>a</sup>	1.89	1.59	1.44	FOR
IOTC232	3	SPDT	ON-(ON)	1.99	1.67	1.52	QUOTE
IOTC235	3	SPDT	ON-OFF-ON <sup>a</sup>	2.12	1.77	1.61	
IOTC240	3	SPDT	ON-OFF-(ON)	2.17	1.79	1.64	
IOTC245	3	SPDT	(ON)-OFF-(ON) <sup>1</sup>	2.17	1.79	1.64	
IOTC260	3	DPDT	ON-ON <sup>a</sup>	2.61	2.18	1.98	
IOTC262	3	DPDT	ON-(ON)	2.77	2.31	2.09	
IOTC265	3	DPDT	ON-OFF-ON <sup>a</sup>	2.94	2.46	2.23	
IOTC270	3	DPDT	ON-OFF-(ON)	2.99	2.55	2.31	
IOTC275	3	DPDT	(ON)-OFF-(ON) <sup>1</sup>	2.99	2.55	2.31	
IOTC280	3	3PDT	ON-ON	3.52	2.93	2.66	
IOTC285	3	3PDT	ON-OFF-ON	3.94	3.28	2.98	
IOTC290	3	4PDT	ON-ON	4.49	3.74	3.39	
IOTC295	3	4PDT	ON-OFF-ON	5.17	4.31	3.92	

#### BLACK PLASTIC FLAT LEVER SWITCHES

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTA220	4	SPST	ON-OFF	2.09	1.74	1.58	CALL
IOTA230	4	SPDT	ON-ON	2.10	1.89	1.73	FOR
IOTA235	4	SPDT	ON-OFF-ON	2.49	2.07	1.88	QUOTE
IOTA245	4	SPDT	(ON)-OFF-(ON)	2.51	2.09	1.89	
IOTA260	4	DPDT	ON-ON	2.89	2.41	2.19	
IOTA265	4	DPDT	ON-OFF-ON	3.30	2.75	2.50	
IOTA275	4	DPDT	(ON)-OFF-(ON)	3.39	2.83	2.57	

#### LONG LEVER SWITCHES • BRIGHT PLATED LEVER

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTA420	5	SPST	ON-OFF	1.90	1.59	1.44	CALL
IOTA430	5	SPDT	ON-ON	2.37	1.97	1.79	FOR
IOTA435	5	SPDT	ON-OFF-ON	2.57	2.14	1.95	QUOTE
IOTA445	5	SPDT	(ON)-OFF-(ON)	2.32	1.94	1.76	
IOTA460	5	DPDT	ON-ON	2.79	2.33	2.13	
IOTA465	5	DPDT	ON-OFF-ON	3.63	2.99	2.75	
IOTA475	5	DPDT	(ON)-OFF-(ON)	3.45	2.63	2.47	

#### METALIZED PLASTIC FLAT LEVER SWITCHES • CHROME PLATED BRASS

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTA320	6	SPST	ON-OFF	2.17	1.81	1.64	CALL
IOTA330	6	SPDT	ON-ON	2.38	1.98	1.79	FOR
IOTA335	6	SPDT	ON-OFF-ON	2.59	2.15	1.96	QUOTE
IOTA345	6	SPDT	(ON)-OFF-(ON)	2.64	2.20	1.99	
IOTA360	6	DPDT	ON-ON	3.08	2.57	2.33	
IOTA365	6	DPDT	ON-OFF-ON	3.75	2.87	2.67	
IOTA375	6	DPDT	(ON)-OFF-(ON)	3.53	2.94	2.67	

#### PLASTIC LONG LEVER SWITCHES

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTA120	7	SPST	ON-OFF	1.91	1.59	1.45	CALL
IOTA130	7	SPDT	ON-ON	1.99	1.69	1.53	FOR
IOTA135	7	SPDT	ON-OFF-ON	2.30	1.92	1.74	QUOTE
IOTA145	7	SPDT	(ON)-OFF-(ON)	2.25	1.88	1.71	
IOTA160	7	DPDT	ON-ON	2.71	2.26	2.05	
IOTA165	7	DPDT	ON-OFF-ON	3.13	2.61	2.37	
IOTA175	7	DPDT	(ON)-OFF-(ON)	3.21	2.67	2.43	

### SUB-MINIATURE

- RATING: 3A 125VAC
- INSULATION RESISTANCE: 100m OHMS ± 500VDC
- VOLTAGE BREAKDOWN: 1000VAC 1 MIN.
- CONTACT RESISTANCE: 20m OHMS ± 2.5VDC
- SILVER PLATED CONTACTS AND TERMINALS
- SOLDER TERMINAL

#### ANODIZED ALUMINUM LEVER

##### MOUSER "RED SERIES"

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTF605	8	SPST	ON-OFF	2.11	1.76	1.59	CALL
IOTF610	8	SPDT	ON-ON	2.19	2.83	1.66	FOR
IOTF615	8	DPDT	ON-ON	2.61	2.17	1.98	QUOTE

#### BAT LEVER W/ COLORED TIP

##### MOUSER "RED SERIES"

STOCK NO.	FIG.	COLOR	TYPE	CIRCUIT	PRICE EACH			
					1	10	100	500
IOTF105	9	RED	SPST	ON-OFF	1.67	1.40	1.27	CALL
IOTF205	9	YELLOW	SPST	ON-OFF	1.83	1.53	1.39	FOR
IOTF305	9	BLUE	SPST	ON-OFF	1.85	1.54	1.39	QUOTE
IOTF110	9	RED	SPDT	ON-ON	1.98	1.65	1.50	
IOTF210	9	YELLOW	SPDT	ON-ON	1.98	1.65	1.49	
IOTF310	9	BLUE	SPDT	ON-ON	1.85	1.54	1.39	
IOTF115	9	RED	DPDT	ON-ON	2.32	1.94	1.76	
IOTF215	9	YELLOW	DPDT	ON-ON	2.33	1.94	1.76	
IOTF315	9	BLUE	DPDT	ON-ON	2.32	1.94	1.76	

#### METAL FLAT LEVER

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
IOTA305	10	SPST	ON-OFF	2.06	1.72	1.56	CALL
IOTA310	10	SPDT	ON-ON	2.11	1.76	1.60	FOR
IOTA315	10	DPDT	ON-ON	2.54	2.12	1.92	QUOTE

### REPLACEMENT HARDWARE

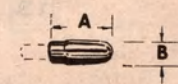


• HEX NUT

SEE HARDWARE SECTION FOR MORE HARDWARE

STOCK NO.	I.D.	FOR USE WITH:	PRICE EACH	
			100	1000
48AN006	6mm	IOTC SERIES SWITCHES (EXCEPT IOTC605, 610, 612, 615, 618), IOTA SERIES SWITCHES (EXCEPT IOTA805, 810, 815, 910, 915), IOTF605, 610, 615, 105, 205, 305, 110, 210, 310, 115, 215, 315	.025	.02

### DECORATIVE COVERS



CAPS ARE PRESS FIT

• PLASTIC CAPS FOR MINIATURE TOGGLE LINE

STOCK NO.	COLOR	DIMENSIONS INCHES		PRICE EACH			
		A	B	5	10	100	500
IOTB001	RED	.45	.18	.11	.055	.054	CALL
IOTB002	BLACK	.45	.18	.11	.055	.054	FOR
IOTB003	WHITE	.45	.18	.11	.055	.054	QUOTE
IOTB004	BLUE	.45	.18	.11	.055	.054	



# MOUSER® Hi-Rel.Toggle Switches

## HIGH RELIABILITY MINIATURE TOGGLE

### SPECIFICATIONS

#### UL LISTED & CSA APPROVED

( MOMENTARY TYPES ARE NOT LISTED OR APPROVED )

- RATING: 6A 125VAC, 3A 250VAC
- BREAKDOWN VOLTAGE: 1000VAC FOR 1 MIN.
- INSULATION RESISTANCE: 100MEG OHMS
- MECHANICAL LIFE: OVER 30,000 OPERATIONS
- ELECTRICAL LIFE: OVER 10,000 OPERATIONS
- ( ) = MOMENTARY CONTACT



### STANDARD LEVER SWITCHES

- SOLDER TERMINALS \* UL (FILE NO. E43907) LISTED

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TA730	1	SPDT	ON-ON <sup>Ⓢ</sup>	2.71	2.26	2.05	CALL FOR QUOTE
10TA732	1	SPDT	ON-(ON)	2.99	2.49	2.26	CALL FOR QUOTE
10TA735	1	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	2.87	2.39	2.18	CALL FOR QUOTE
10TA740	1	SPDT	ON-OFF-(ON)	3.16	2.63	2.39	CALL FOR QUOTE
10TA745	1	SPDT	(ON)-OFF-(ON)	3.16	2.63	2.39	CALL FOR QUOTE
10TA760	1	DPDT	ON-ON <sup>Ⓢ</sup>	3.92	3.27	2.97	CALL FOR QUOTE
10TA762	1	DPDT	ON-(ON)	4.52	3.76	3.42	CALL FOR QUOTE
10TA765	1	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	4.20	3.49	3.18	CALL FOR QUOTE
10TA770	1	DPDT	ON-OFF-(ON)	4.76	3.97	3.61	CALL FOR QUOTE
10TA775	1	DPDT	(ON)-OFF-ON	4.79	3.95	3.59	CALL FOR QUOTE

### BLACK PLASTIC FLAT LEVER SWITCHES

- SOLDER TERMINALS \* \* UL (FILE NO. E43907) LISTED
- \* UL (FILE NO. E43907) AND CSA (FILE NO. LR26920)

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TA530	2	SPDT	ON-ON <sup>Ⓢ</sup>	2.93	2.44	2.22	CALL FOR QUOTE
10TA535	2	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	3.09	2.57	2.34	CALL FOR QUOTE
10TA560	2	DPDT	ON-ON <sup>Ⓢ</sup>	4.97	4.14	3.77	CALL FOR QUOTE
10TA565	2	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	4.36	3.63	3.29	CALL FOR QUOTE

### STANDARD LEVER SWITCHES

- PC TERMINALS • GOLD PLATED \* UL (FILE NO. E43907) LISTED

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TC430	3	SPDT	ON-ON <sup>Ⓢ</sup>	3.13	2.61	2.37	CALL FOR QUOTE
10TC435	3	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	3.29	2.74	2.49	CALL FOR QUOTE
10TC445	3	SPDT	(ON)-OFF-(ON)	3.58	2.98	2.71	CALL FOR QUOTE
10TC460	3	DPDT	ON-ON <sup>Ⓢ</sup>	4.71	3.93	3.57	CALL FOR QUOTE
10TC465	3	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	4.99	4.16	3.78	CALL FOR QUOTE
10TC475	3	DPDT	(ON)-OFF-(ON)	5.55	4.63	4.21	CALL FOR QUOTE

### BLACK PLASTIC FLAT LEVER SWITCHES

- PC TERMINALS \* UL (FILE NO. E43907) LISTED

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TC130	4	SPDT	ON-ON <sup>Ⓢ</sup>	3.42	2.85	2.59	CALL FOR QUOTE
10TC135	4	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	3.58	2.98	2.71	CALL FOR QUOTE
10TC145	4	SPDT	(ON)-OFF-(ON)	3.99	3.33	2.99	CALL FOR QUOTE
10TC160	4	DPDT	ON-ON <sup>Ⓢ</sup>	4.89	3.99	3.69	CALL FOR QUOTE
10TC170	4	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	5.27	4.39	3.99	CALL FOR QUOTE
10TC175	4	DPDT	(ON)-OFF-(ON)	5.88	4.89	4.45	CALL FOR QUOTE

### METALIZED FLAT LEVER SWITCHES

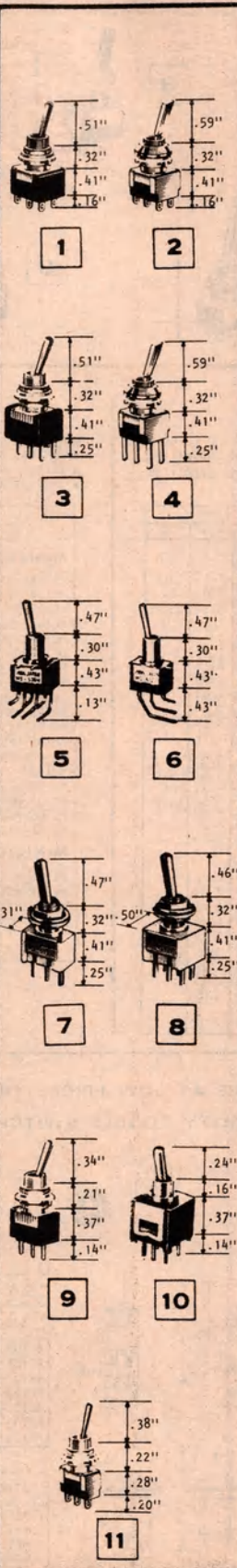
- PC TERMINALS \* UL (FILE NO. E43907) LISTED

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TC930	4	SPDT	ON-ON <sup>Ⓢ</sup>	3.73	3.11	2.83	CALL FOR QUOTE
10TC935	4	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	3.89	3.24	2.95	CALL FOR QUOTE
10TC945	4	SPDT	(ON)-OFF-(ON)	4.09	3.39	3.09	CALL FOR QUOTE
10TC960	4	DPDT	ON-ON <sup>Ⓢ</sup>	5.49	4.59	4.17	CALL FOR QUOTE
10TC965	4	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	5.52	4.59	4.18	CALL FOR QUOTE
10TC975	4	DPDT	(ON)-OFF-(ON)	7.19	5.98	5.44	CALL FOR QUOTE

### STANDARD LEVER SWITCHES

- RIGHT ANGLE PC MOUNT \* CSA (FILE NO. LR26920) LISTED

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TF230	5	SPDT	ON-ON <sup>Ⓢ</sup>	2.39	1.99	1.82	CALL FOR QUOTE
10TF232	5	SPDT	ON-(ON)	2.64	2.19	1.99	CALL FOR QUOTE
10TF235	5	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	2.56	2.14	1.94	CALL FOR QUOTE
10TF240	5	SPDT	ON-OFF-(ON)	2.79	2.33	2.11	CALL FOR QUOTE
10TF245	5	SPDT	(ON)-OFF-(ON)	2.79	2.33	2.11	CALL FOR QUOTE
10TF260	5	DPDT	ON-ON <sup>Ⓢ</sup>	3.59	2.99	2.73	CALL FOR QUOTE
10TF262	5	DPDT	ON-(ON)	3.98	3.31	2.99	CALL FOR QUOTE
10TF265	5	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	3.86	3.22	2.93	CALL FOR QUOTE
10TF270	5	DPDT	ON-OFF-(ON)	4.10	3.42	3.10	CALL FOR QUOTE
10TF275	5	DPDT	(ON)-OFF-(ON)	4.23	3.52	3.19	CALL FOR QUOTE



### STANDARD LEVER SWITCHES

- VERTICAL PC MOUNT \* CSA (FILE NO. LR26920) LISTED



STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
10TF130	6	SPDT	ON-ON <sup>Ⓢ</sup>	2.73	2.28	2.07	CALL FOR QUOTE
10TF132	6	SPDT	ON-(ON)	2.98	2.48	2.26	CALL FOR QUOTE
10TF135	6	SPDT	ON-OFF-ON <sup>Ⓢ</sup>	2.89	2.39	2.18	CALL FOR QUOTE
10TF140	6	SPDT	ON-OFF-(ON)	3.14	2.61	2.37	CALL FOR QUOTE
10TF145	6	SPDT	(ON)-OFF-(ON)	3.14	2.61	2.37	CALL FOR QUOTE
10TF160	6	DPDT	ON-ON <sup>Ⓢ</sup>	3.94	3.29	2.99	CALL FOR QUOTE
10TF162	6	DPDT	ON-(ON)	4.45	3.69	3.37	CALL FOR QUOTE
10TF165	6	DPDT	ON-OFF-ON <sup>Ⓢ</sup>	4.20	3.50	3.18	CALL FOR QUOTE
10TF170	6	DPDT	ON-OFF-(ON)	4.47	3.73	3.39	CALL FOR QUOTE
10TF175	6	DPDT	(ON)-OFF-(ON)	4.57	3.81	3.47	CALL FOR QUOTE

### HI-REL LOW VOLTAGE/CURRENT

#### MOUSER "WHITE SERIES"

- GOLD PLATED CONTACTS
- RATING: 20 MILLIAMPS, 25V
- INSULATION RESISTANCE 1000 MEGOHMS
- BREAKDOWN VOLTAGE 1000 VAC
- CONTACT RESISTANCE @ .1mV .1mA: 20 MILLIOHMS
- ELECTRICAL LIFE > 50,000 CYCLES
- MECHANICAL LIFE > 100,000 CYCLES

STOCK NO.	FIG.	TYPE	CIRCUIT	PRICE EACH			
				1	10	100	500
ME108-M5510A	7	SPDT	ON-ON <sup>Ⓢ</sup>	2.68	2.48	2.29	CALL FOR QUOTE
ME108-M5510C	7	SPDT	ON-OFF-ON	2.99	2.92	2.89	CALL FOR QUOTE
ME108-M5510F	8	DPDT	ON-ON	4.22	3.92	3.69	CALL FOR QUOTE
ME108-M5510H	8	DPDT	ON-OFF-ON	4.91	4.56	4.31	CALL FOR QUOTE

## HIGH RELIABILITY SUB-MINIATURE TOGGLE SWITCHES

### MOUSER "RED SERIES"

#### SPECIFICATIONS

- INSULATION RESISTANCE: 100M OHMS @ 500VDC
- VOLTAGE BREAKDOWN: 1000VAC 1 MIN. (@500VAC)
- CONTACT RESISTANCE: 20m OHMS @ 2.5VDC

### STANDARD LEVER SWITCHES

- PC TERMINALS • GOLD PLATED CONTACTS AND TERMINALS

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING	PRICE EACH			
					1	10	100	500
10TC405	9	SPST	ON-OFF	.3A 125V	1.65	1.37	1.25	CALL FOR QUOTE
10TC410	9	SPDT	ON-ON	.3A 125V	1.72	1.44	1.31	CALL FOR QUOTE
10TC412	9	SPDT	ON-OFF-ON	.3A 30V	1.81	1.51	1.37	CALL FOR QUOTE
10TC415	9	DPDT	ON-ON	.3A 125V	2.09	1.74	1.59	CALL FOR QUOTE
10TC418	9	DPDT	ON-OFF-ON	.3A 30V	2.25	1.87	1.69	CALL FOR QUOTE
10TC605	10	SPDT	ON-OFF	.3A 125V	1.41	1.17	1.07	CALL FOR QUOTE
10TC610	10	SPDT	ON-ON	.3A 125V	1.46	1.22	1.11	CALL FOR QUOTE
10TC612	10	SPDT	ON-OFF-ON	.3A 30V	1.59	1.33	1.21	CALL FOR QUOTE
10TC615	10	DPDT	ON-ON	.3A 125V	1.83	1.53	1.39	CALL FOR QUOTE
10TC618	10	DPDT	ON-OFF-ON	.3A 125V	1.87	1.57	1.43	CALL FOR QUOTE

### MOUSER "GREEN SERIES"

#### STANDARD LEVER SWITCHES

- SOLDER TERMINALS • GOLD PLATED CONTACTS AND TERMINALS
- UL (FILE NO. E43907) LISTED

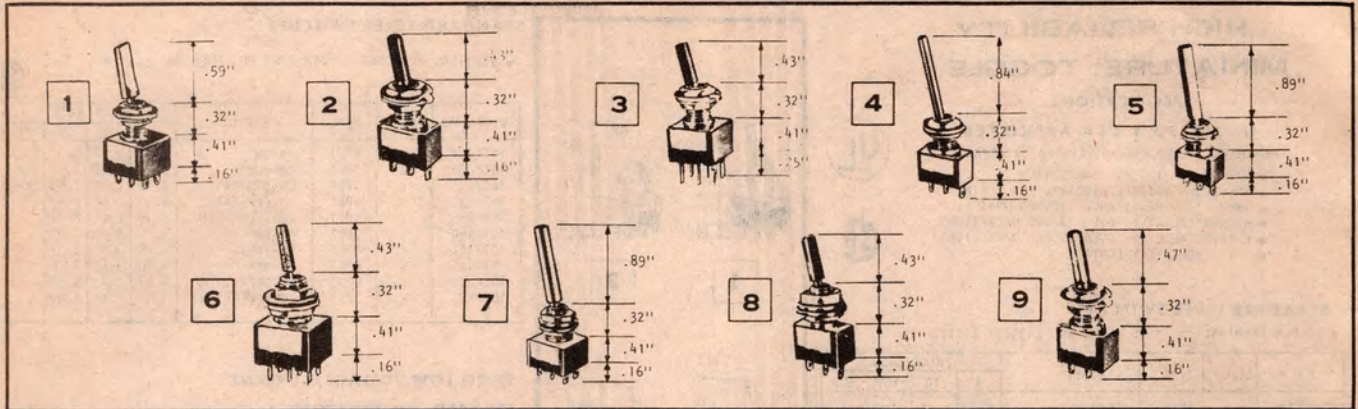


STOCK NO.	FIG.	TYPE	CIRCUIT	RATING	PRICE EACH			
					1	10	100	500
10TA805	11	SPST	ON-OFF	3A 125V	1.67	1.39	1.27	CALL FOR QUOTE
10TA810	11	SPDT	ON-ON	3A 125V	1.75	1.46	1.33	CALL FOR QUOTE
10TA815	11	DPDT	ON-ON	3A 125V	2.32	1.93	1.75	CALL FOR QUOTE

ORDER BY PHONE, FAX, TELEX, OR MAIL



# MOUSER® Mini Toggle Switches



## HIGH RELIABILITY

U.L. FILE NO. E43907

### SPECIFICATIONS:

- RATING: 6A 125VAC, 3A 250VAC
- MECHANICAL LIFE: OVER 30,000 OPERATIONS
- BREAKDOWN VOLTAGE: 1000VAC FOR 1 MIN
- ELECTRICAL LIFE: OVER 10,000 OPERATIONS
- INSULATION RESISTANCE: 100MEG OHMS

STOCK NO.	FIG.	LEVER COLOR	TYPE	CIRCUIT	PRICE EACH			
					1	10	100	500
MINIATURE FLAT LEVER • SOLDER TERMINALS								
ME108-MS333A	1	SILVER	SPDT	ON-ON	3.32	2.77	2.51	CALL FOR QUOTE
ME108-MS333C	1	SILVER	SPDT	ON-OFF-ON	3.47	2.89	2.63	CALL FOR QUOTE
ME108-MS333F	1	SILVER	DPDT	ON-ON	4.72	3.93	3.57	CALL FOR QUOTE
MINIATURE BATON LEVER • SOLDER TERMINALS								
ME108-MS340A-BLK	2	BLACK	SPDT	ON-ON	2.71	2.27	2.06	
ME108-MS340C-BLK	2	BLACK	SPDT	ON-OFF-ON	2.82	2.35	2.14	
ME108-MS340F-BLK	2	BLACK	DPDT	ON-ON	3.89	3.25	2.95	
ME108-MS340A-RED	2	RED	SPDT	ON-ON	2.66	2.22	2.02	
ME108-MS340C-RED	2	RED	SPDT	ON-OFF-ON	2.82	2.35	2.14	
ME108-MS340F-RED	2	RED	DPDT	ON-ON	3.89	3.25	2.95	
MINIATURE BATON LEVER • PC TERMINALS								
ME108-MS341A-BLK	3	BLACK	SPDT	ON-ON	3.08	2.57	2.33	CALL FOR QUOTE
ME108-MS341C-BLK	3	BLACK	SPDT	ON-OFF-ON	3.08	2.57	2.33	CALL FOR QUOTE
ME108-MS341F-BLK	3	BLACK	DPDT	ON-ON	4.67	3.89	3.54	CALL FOR QUOTE
ME108-MS341A-RED	3	RED	SPDT	ON-ON	3.08	2.57	2.33	CALL FOR QUOTE
ME108-MS341C-RED	3	RED	SPDT	ON-OFF-ON	3.08	2.57	2.33	CALL FOR QUOTE
ME108-MS341F-RED	3	RED	DPDT	ON-ON	4.67	3.89	3.54	CALL FOR QUOTE
MINIATURE LONG LEVER • SOLDER TERMINALS								
ME108-MS344A	4	CHROME	SPDT	ON-ON	2.93	2.44	2.22	
ME108-MS344C	4	CHROME	SPDT	ON-OFF-ON	3.08	2.57	2.33	
ME108-MS344F	4	CHROME	DPDT	ON-ON	3.99	3.33	3.03	
ME108-MS345A-BLK	5	BLACK	SPDT	ON-ON	2.82	2.35	2.14	
ME108-MS345C-BLK	5	BLACK	SPDT	ON-OFF-ON	2.98	2.49	2.25	
ME108-MS345F-BLK	5	BLACK	DPDT	ON-ON	3.99	3.35	3.05	
ME108-MS345A-RED	5	RED	SPDT	ON-ON	2.82	2.35	2.14	
ME108-MS345C-RED	5	RED	SPDT	ON-OFF-ON	2.95	2.46	2.24	
ME108-MS345F-RED	5	RED	DPDT	ON-ON	3.99	3.35	3.05	

## STANDARD RELIABILITY

### SPECIFICATIONS:

- RATING: 6A 125VAC, 3A 250VAC
- MECHANICAL LIFE: OVER 30,000 OPERATIONS
- BREAKDOWN VOLTAGE: 1000VAC 1 MIN
- ELECTRICAL LIFE: OVER 10,000 OPERATIONS
- CONTACT RESISTANCE: 20m OHMS @ 2.5VDC
- SOLDER TERMINAL
- SILVER PLATED CONTACTS AND TERMINALS

STOCK NO.	FIG.	LEVER COLOR	TYPE	CIRCUIT	PRICE EACH			
					1	10	100	500
MINIATURE BATON LEVER								
ME108-MS500KCL-BLK	6	BLACK	SPST	ON-OFF	1.98	1.65	1.49	CALL FOR QUOTE
ME108-MS500ACL-BLK	6	BLACK	SPDT	ON-ON	2.14	1.79	1.62	
ME108-MS500FCL-BLK	6	BLACK	DPDT	ON-ON	2.92	2.43	2.21	
ME108-MS500KCL-RED	6	RED	SPST	ON-OFF	1.98	1.65	1.49	
ME108-MS500ACL-RED	6	RED	SPDT	ON-ON	2.14	1.79	1.62	
ME108-MS500FCL-RED	6	RED	DPDT	ON-ON	2.92	2.43	2.21	
ME108-MS500KML-BLK	7	BLACK	SPST	ON-OFF	1.89	1.59	1.45	
ME108-MS500AML-BLK	7	BLACK	SPDT	ON-ON	2.09	1.74	1.58	
ME108-MS500FML-BLK	7	BLACK	DPDT	ON-ON	2.79	2.33	2.12	
ME108-MS500KML-RED	7	RED	SPST	ON-OFF	1.89	1.59	1.45	
ME108-MS500AML-RED	7	RED	SPDT	ON-ON	2.09	1.74	1.58	
ME108-MS500FML-RED	7	RED	DPDT	ON-ON	2.79	2.33	2.12	
ME108-MS500KPL-BLK	8	BLACK	SPST	ON-OFF	1.79	1.49	1.36	CALL FOR QUOTE
ME108-MS500APL-BLK	8	BLACK	SPDT	ON-ON	2.12	1.77	1.61	
ME108-MS500FPL-BLK	8	BLACK	DPDT	ON-ON	2.66	2.22	2.02	
ME108-MS500KPL-RED	8	RED	SPST	ON-OFF	1.79	1.49	1.36	
ME108-MS500APL-RED	8	RED	SPDT	ON-ON	2.12	1.77	1.61	
ME108-MS500FPL-RED	8	RED	DPDT	ON-ON	2.66	2.22	2.02	
MINIATURE BATON LEVER								
ME108-MS550K	9	SILVER	SPST	ON-OFF	1.51	1.26	1.15	
ME108-MS550A	9	SILVER	SPDT	ON-ON	1.57	1.31	1.19	
ME108-MS550C	9	SILVER	SPDT	ON-OFF-ON	1.93	1.61	1.46	
ME108-MS550H	9	SILVER	DPDT	ON-OFF-ON	2.43	1.99	1.84	

### CHARACTERISTICS:

- CASE: MATERIAL IS ALKYD, ANTI-FLAME AND HIGH INSULATION
- CONTACTS: COPPER ALLOY WITH SILVER INLAY AND SILVER PLATED
- TERMINALS: SILVER PLATED COPPER ALLOY EPOXY SEALED: ANTI-DUST, ANTI-MOISTURE
- INSULATION BARRIER: USED FOR INSULATION BETWEEN TERMINALS TO AVOID SPARK OR SHORT CIRCUIT
- STAINLESS STEEL COVER FOR HIGH CORROSIVE PROOF

### FOR LONG LIFE AT LOW PRICES TRY

### THESE HI-QUALITY TOGGLE SWITCHES.

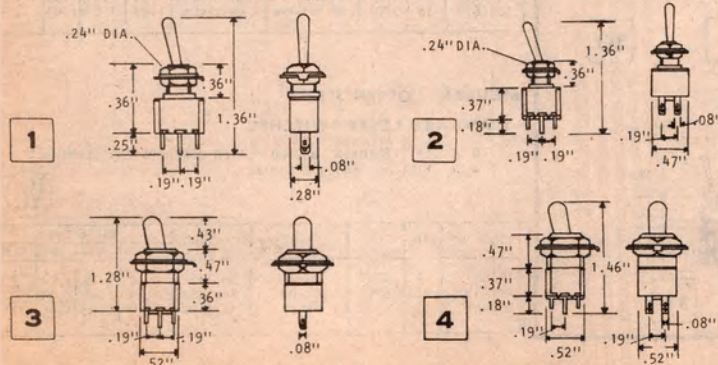


### SPECIFICATIONS:

- RATING: AC 125V 6A OR 250V 3A
- CONTACT RESISTANCE: 20 MILLIOHMS MAX
- INSULATION RESISTANCE: 100 M OHMS MIN. DC 500V
- DIELECTRIC STRENGTH: AC 1000 VOLTS 1 MINUTE
- OPERATING TEMPERATURE: -20°C 65°C
- ELECTRICAL LIFE: 50,000 MAKE-AND-BREAK CYCLES AT FULL LOAD

U.L. FILE NO. E67774

CSA FILE NO. LR45128



STOCK NO.	REPLACES ALCO #	FIG.	TYPE	CIRCUIT	PRICE EACH			
					1	10	100	500
ME103-55TA1-01	-	1	SPST	ON-OFF	1.40	1.17	1.06	CALL FOR QUOTE
ME103-55TA1-02	MTA-106D-PC	1	SPDT	ON-ON	1.54	1.28	1.17	CALL FOR QUOTE
ME103-55TA1-04	MTA-106E-PC	1	SPDT	ON-OFF-ON	1.56	1.29	1.18	CALL FOR QUOTE
ME103-55TA1-05	MTA-106H-PC	1	SPDT	(ON)-OFF-ON	1.60	1.33	1.21	CALL FOR QUOTE
ME103-55TA2-03	MTA-206N-PC	2	DPDT	ON-OFF	1.99	1.66	1.51	CALL FOR QUOTE
ME103-55TA2-06	MTA-206P-PC	2	DPDT	ON-OFF-ON	2.02	1.68	1.53	CALL FOR QUOTE
ME103-55TA2-07	MTA-206T-PC	2	DPDT	(ON)-OFF-ON	2.20	1.83	1.67	CALL FOR QUOTE

STOCK NO.	REPLACES ALCO #	FIG.	TYPE	CIRCUIT	PRICE EACH			
					1	10	100	500
ME103-TA1B	-	3	SPST	ON-OFF	1.49	1.26	1.13	CALL FOR QUOTE
ME103-TA2B	MTG-106D	3	SPDT	ON-ON	1.59	1.34	1.23	CALL FOR QUOTE
ME103-TA3B	MTG-106E	3	SPDT	ON-OFF-ON	1.66	1.39	1.26	CALL FOR QUOTE
ME103-TA4B	-	4	DPST	ON-OFF	1.76	1.60	1.45	CALL FOR QUOTE
ME103-TA5B	MTG-206P	4	DPDT	ON-OFF-ON	2.16	1.82	1.65	CALL FOR QUOTE

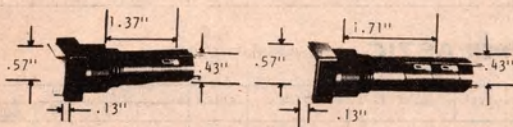


# MOUSER<sup>®</sup> Illuminated Switches



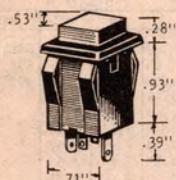
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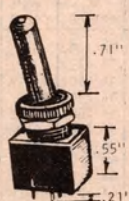


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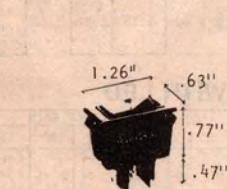
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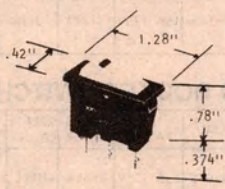
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LIGHTED  
UL LISTED  
FILE NO. E43907

BUILT-IN  
RED LED

## LED ILLUMINATED PUSH BUTTON SWITCHES

- INSTRUMENT GRADE
- RATING: 1A, 250VAC 3A, 125VAC
- INSULATION RESISTANCE 100 MEGOHMS @ 500VDC
- VOLTAGE BREAKDOWN: 1500VAC FOR 1 MIN.
- CONTACT RESISTANCE: 10 MILLIOHMS (MAX)
- LONG LIFE
- ELECTRICAL LIFE: 50,000 OPERATIONS
- MECHANICAL LIFE: 100,000 OPERATIONS
- MTG HOLE DIA= .47"
- SOLDER TERMINALS
- HI-REL

( ) = MOMENTARY CONTACT

STOCK NO.	FIG.	TYPE	CIRCUIT	NO. OF TERMINALS	COLOR	PRICE EACH			
						1	10	100	500
ROUND									
10PL011	1	SPDT	ON-ON	3	RED	9.67	8.06	7.33	CALL FOR QUOTE
10PL013	1	SPDT	ON-ON	3	YELLOW	9.67	8.06	7.33	
10PL016	1	SPDT	ON-ON	3	GREEN	9.67	8.06	7.33	
10PL021	2	DPDT	ON-ON	6	RED	11.87	10.79	9.82	
10PL023	2	DPDT	ON-ON	6	YELLOW	11.87	10.79	9.82	
10PL026	2	DPDT	ON-ON	6	GREEN	11.87	10.79	9.82	
10PL031	1	SPDT	ON-(ON)	3	RED	8.99	7.99	6.99	
10PL033	1	SPDT	ON-(ON)	3	YELLOW	8.99	7.99	6.99	
10PL036	1	SPDT	ON-(ON)	3	GREEN	8.99	7.99	6.99	
10PL041	2	DPDT	ON-(ON)	6	RED	11.58	9.66	8.79	
10PL043	2	DPDT	ON-(ON)	6	YELLOW	11.58	9.66	8.79	
10PL046	2	DPDT	ON-(ON)	6	GREEN	11.58	9.66	8.79	
SQUARE									
10PL051	3	SPDT	ON-ON	3	RED	9.67	9.44	8.59	CALL FOR QUOTE
10PL053	3	SPDT	ON-ON	3	YELLOW	11.12	10.73	9.75	
10PL056	3	SPDT	ON-ON	3	GREEN	9.67	9.44	8.59	
10PL061	4	DPDT	ON-ON	6	RED	11.72	10.66	9.69	
10PL063	4	DPDT	ON-ON	6	YELLOW	10.79	9.81	8.92	
10PL066	4	DPDT	ON-ON	6	GREEN	11.80	10.73	9.75	
10PL071	3	SPDT	ON-(ON)	3	RED	8.99	7.99	6.99	
10PL073	3	SPDT	ON-(ON)	3	YELLOW	8.99	7.99	6.99	
10PL076	3	SPDT	ON-(ON)	3	GREEN	8.99	7.99	6.99	
10PL091	4	DPDT	ON-(ON)	6	RED	11.95	9.96	8.98	
10PL093	4	DPDT	ON-(ON)	6	YELLOW	11.95	9.96	8.98	
10PL096	4	DPDT	ON-(ON)	6	GREEN	11.95	9.96	8.98	

## ILLUMINATED PUSH BUTTON SWITCHES

- SUPPLIED WITH 6.3V T1-3/4 SCREW BASE LAMP. • WIRED SEPARATE FROM SWITCH CONTACTS.
- SNAP-IN MOUNTING.

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING	COLOR	PRICE EACH			
						1	10	100	500
10PL001	5	SPST	OFF-(ON)	1A 125V	RED	2.61	2.18	1.98	CALL FOR QUOTE
10PL002	5	SPST	OFF-(ON)	1A 125V	GREEN	2.61	2.18	1.98	
10PL003	5	SPST	OFF-(ON)	1A 125V	YELLOW	2.61	2.18	1.98	
10PL004	5	SPST	OFF-(ON)	1A 125V	BLUE	2.61	2.18	1.98	
10PL005	5	SPST	OFF-(ON)	1A 125V	WHITE	2.61	2.18	1.98	

## LED ILLUMINATED TOGGLE SWITCH

- CONTACT RESISTANCE: 20m OHMS @ 2.5VDC
- INSULATION RESISTANCE: 100M OHMS @ 500VDC
- VOLTAGE BREAKDOWN: 1000VAC 1 MIN.
- LED ON A SEPARATE CIRCUIT
- BRUSHED ALUMINUM LEVER
- SOLDER TERMINALS
- LED DATA
- INTENSITY: 2.1mcd
- IF: 20mA
- VF: 1.7

STOCK NO.	FIG.	COLOR	TYPE	CIRCUIT	RATING	MTG HOLE	PRICE EACH			
							1	10	100	500
10TR414	6	RED	SPST	ON-OFF	3A 125VAC	.472"	4.47	3.72	3.39	CALL FOR QUOTE
10TR415	6	GREEN	SPST	ON-OFF	3A 125VAC	.472"	4.74	3.95	3.60	
10TR416	6	RED	SPDT	ON-ON	3A 125VAC	.472"	4.17	3.47	3.16	
10TR417	6	GREEN	SPDT	ON-ON	3A 125VAC	.472"	4.89	4.07	3.70	

## ILLUMINATED ROCKER SWITCHES

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	FRAME COLOR	BUTTON COLOR	MTG HOLE	PRICE EACH			
								1	10	100	500
10DS322	7	SPST	ON-OFF	15A 125V	BLACK	AMBER	1.12"x.47"	3.83	3.18	2.89	CALL FOR QUOTE
10DS413	8	SPST	ON-OFF	10A 125V	BLACK	WHITE W/LED	1.27"x.433"	3.74	3.14	2.86	

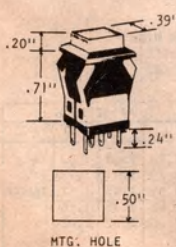
## MINIATURE INSTRUMENT-GRADE ILLUMINATED SWITCHES

### SPECIFICATIONS

- STANDARD WITH 12V LAMP OR 2.0V LED
- SPDT CIRCUIT
- RATED AT .1A 30VDC
- INSULATION RESISTANCE 500 MEGOHMS
- BREAKDOWN VOLTAGE > 500 VAC
- CONTACT RESISTANCE 50 MILLIOHMS

### FEATURES

- LONG LIFE > 100,000 CYCLES
- SOFT TOUCH
- SNAP-IN DIFFUSION PLATE
- SOLDER LUGS



MTG. HOLE

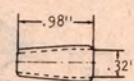
STOCK NO.	TYPE	CIRCUIT	COLOR	TYPE	VOLTS	PRICE EACH			
						1	10	100	500
ME107-MS800ELR	SPDT	ON-ON	RED	LED	2V	5.81	4.84	4.40	CALL FOR QUOTE
ME107-MS800ELG	SPDT	ON-ON	GREEN	LED	2V	5.81	4.84	4.40	
ME107-MS800ELY	SPDT	ON-ON	YELLOW	LED	2V	5.81	4.84	4.40	
ME107-MS800EFR	SPDT	ON-ON	RED	LAMP	12V	5.42	4.52	4.10	
ME107-MS800EFG	SPDT	ON-ON	GREEN	LAMP	12V	5.42	4.52	4.10	
ME107-MS800EFY	SPDT	ON-ON	YELLOW	LAMP	12V	5.42	4.52	4.10	
ME107-MS800FLR	SPDT	ON-(ON)	RED	LED	2V	5.55	4.63	4.21	
ME107-MS800FLG	SPDT	ON-(ON)	GREEN	LED	2V	5.55	4.63	4.21	
ME107-MS800FLY	SPDT	ON-(ON)	YELLOW	LED	2V	5.55	4.63	4.21	
ME107-MS800FFR	SPDT	ON-(ON)	RED	LAMP	12V	5.13	4.27	3.88	
ME107-MS800FFG	SPDT	ON-(ON)	GREEN	LAMP	12V	5.13	4.27	3.88	
ME107-MS800FFY	SPDT	ON-(ON)	YELLOW	LAMP	12V	5.13	4.27	3.88	

### REPLACEMENT LAMPS / LEDS

STOCK NO.	TYPE	COLOR	PRICE EACH			
			1	10	100	500
ME352-6121	LAMP 6V	---	1.21	1.04	.91	CALL FOR QUOTE
ME352-6141	LAMP 12V	---	1.30	1.06	.92	
ME352-6161	LAMP 28V	---	1.51	1.25	1.14	
ME351-1611	LED	RED	.69	.51	.46	
ME351-1621	LED	GREEN	.75	.54	.49	CALL FOR QUOTE
ME351-1631	LED	YELLOW	.75	.54	.49	

### "QUICK MOUNT" LAMP REPLACEMENT TOOL

ALLOWS FOR INSTANTANEOUS REPLACEMENT OF FILAMENT LAMPS IN ALL MS-800 SWITCHES.



STOCK NO.	PRICE EACH			
	5	10	100	500
ME382-0100	.16	.08	.07	CALL FOR QUOTE

"WE STOCK"



# MOUSER® Pushbutton, Rocker and Snap Switches

## STANDARD PUSHBUTTON SWITCHES

( ) = MOMENTARY CONTACT

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING	COLOR	PRICE EACH			
						1	10	100	500
10PA010	1	SPST	OFF-(ON)	1A 125V	WHITE	.59	.38	.36	CALL FOR QUOTE
10PA011	1	SPST	OFF-(ON)	1A 125V	GREEN	.59	.38	.36	
10PA012	1	SPST	OFF-(ON)	1A 125V	RED	.59	.38	.36	
10PA013	1	SPST	OFF-(ON)	1A 125V	BLACK	.59	.38	.36	
10PA015	1	SPST	ON-(OFF)	1A 125V	RED	.74	.56	.51	
10PA016	1	SPST	ON-(OFF)	1A 125V	BLACK	.74	.56	.51	
10PA091	2	SPDT	ON-(ON)	1A 125V	RED	1.21	.93	.81	
10PA022	3	SPST	OFF-(ON)	1A 125V	RED	.74	.56	.51	
10PA023	3	SPST	OFF-(ON)	1A 125V	BLACK	.74	.56	.51	
10PA032	4	SPST	OFF-(ON)	1A 125V	RED	1.21	.93	.85	
10PA033	4	SPST	OFF-(ON)	1A 125V	BLACK	1.21	.93	.85	
10PA001	5	DPST	OFF-ON	4A 250V	NONE	1.50	1.21	1.10	
45FN154	6					.25	.20	.15	

## MOLDED PLASTIC ( ) = MOMENTARY CONTACT

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING	COLOR	PRICE EACH			
						1	10	100	500
10PA210	7	SPST	OFF-(ON)	.5A 125V	RED	1.14	.87	.79	CALL FOR QUOTE
10PA211	7	SPST	OFF-(ON)	.5A 125V	BLACK	1.14	.87	.79	
10PA005	8	SPST	OFF-(ON)	3A 125V	RED	1.05	.81	.73	

## ROCKER SWITCHES

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	FRAME COLOR	BUTTON COLOR	THREADED	PRICE EACH			
								1	10	100	500
10RS022	9	DPDT	ON-ON	5A 125V	---	BLACK	YES	.37	.33	.32	CALL FOR QUOTE
10RS024	10	DPDT	ON-ON	5A 125V	---	BLACK	YES	.70	.53	.49	
10RW001	11	SPST	ON-OFF	3A 250V	BLACK	BLACK	YES	1.99	1.70	1.55	
10RS063	11	SPST	ON-OFF	3A 250V	GOLD	BLACK	YES	1.99	1.68	1.53	
10CS064	11	SPDT	ON-ON	3A 250V	BLACK	RED	YES	2.21	1.84	1.67	
10RS065	11	SPDT	ON-ON	3A 250V	GOLD	BLACK	YES	2.18	1.82	1.65	
10MS068	11	DPDT	ON-ON	3A 250V	BLACK	BLACK	YES	2.80	2.33	2.12	
10DS388	12	SPST	ON-OFF	6A 125V	BLACK	WHITE	YES	1.99	1.68	1.53	
10DS389	12	SPDT	ON-ON	6A 125V	BLACK	WHITE	YES	2.42	2.02	1.84	
10DS390	12	DPDT	ON-ON	6A 125V	BLACK	WHITE	YES	3.32	2.77	2.52	

## ILLUMINATED ROCKER SWITCH

U.L. FILE  
NO. E43907



STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	FRAME COLOR	BUTTON COLOR	MTG. HOLE	PRICE EACH			
								1	10	100	500
10DS322	13	SPST	ON-OFF	15A 125V	BLACK	AMBER	1.12"x.47"	3.38	2.82	2.56	CALL FOR QUOTE

## ILLUMINATED ROCKER SWITCH WITH LED

STOCK NO.	FIG.	TYPE	CIRCUIT	AC RATING	FRAME COLOR	BUTTON COLOR	MTG. HOLE	PRICE EACH			
								1	10	100	500
10DS413	14	SPST	ON-OFF	16A 125V	BLACK	WHITE	1.27"x.433"	3.74	3.14	2.86	CALL FOR QUOTE

## REPLACEMENT NUTS AND WASHERS

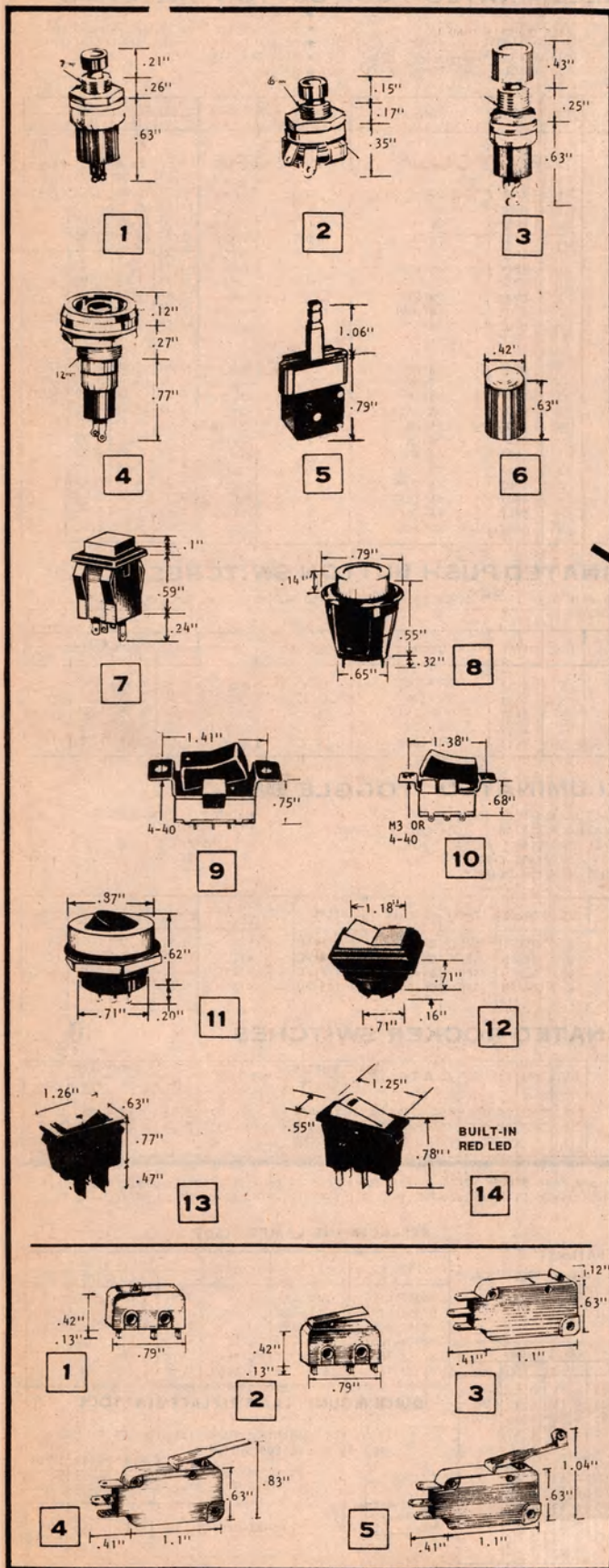


STOCK NO.	FIG.	I.D.	FOR USE WITH:	PRICE EACH		
				100	1000	10,000
48AN006	1	6mm	10PP221, 222, 231, 232, 241, 242	.025	.02	CALL FOR QUOTE
48AN007	1	7mm	10PA010, 011, 012, 013, 015, 016, 022, 023,	.025	.02	
48AN012	1	12mm	10PA032, 033, 10DS SERIES SWITCHES (EXCEPT 10DS070, 072, 322, 391, 392, 413)	.027	.02	
48CW007	2	7mm	10PA010, 011, 012, 013, 015, 016, 022, 023, 024	.020	.01	

## MINIATURE SNAP SWITCHES

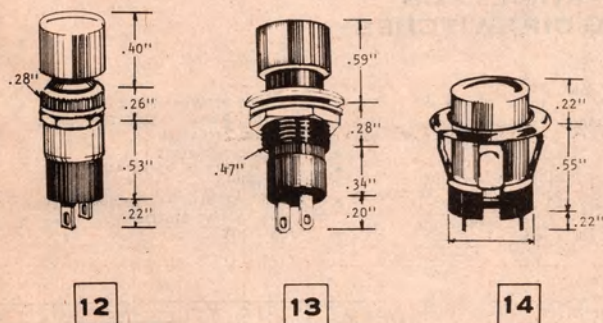
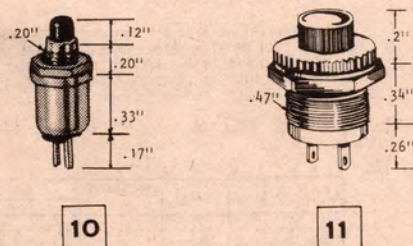
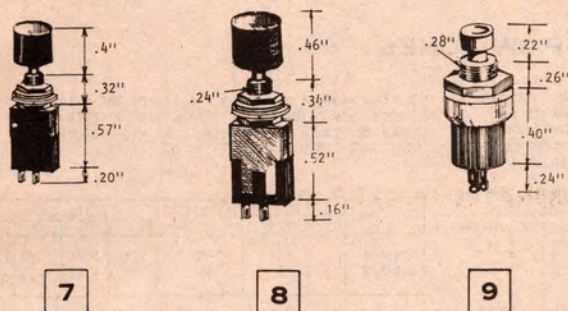
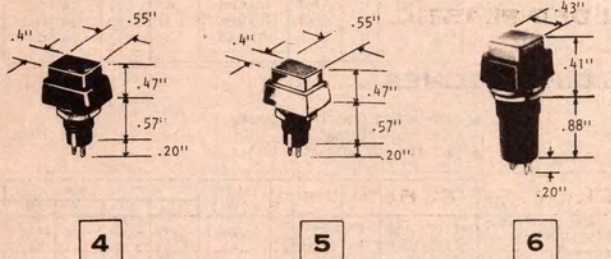
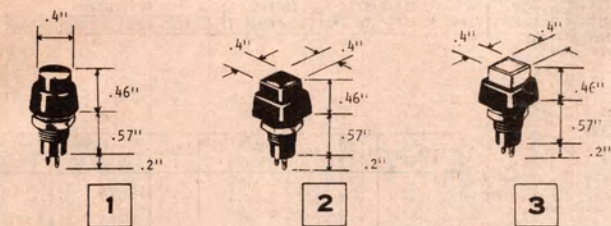
COMPACT, LOW-COST, SNAP-ACTION SPDT SWITCHES THAT OFFER HIGH RELIABILITY FROM SELF-CLEANING CONTACTS. THEIR LONG LIFE AND HIGH EFFICIENCY ARE COMPLEMENTED BY HIGH VIBRATION AND SHOCK RESISTANCE AND EASY INSTALLATION.

STOCK NO.	FIG.	RATING		TYPE	OPER. FORCE (OZ.)	PRE TRAVEL (IN.)	PRICE EACH			
		125VAC	250VAC				1	10	100	500
10PS010	1	5A	3A	SPDT	5.3	.019	1.99	1.68	1.52	CALL FOR QUOTE
10PS011	2	5A	3A	SPDT	2.6	.078	2.29	1.91	1.73	
10PS001	3	5A	5A	SPDT	7.0	.070	1.99	1.68	1.52	
10PS002	4	5A	5A	SPDT	3.0	.24	2.60	2.16	1.96	
10PS003	5	5A	5A	SPDT	3.0	.24	2.66	2.22	2.02	





# MOUSER® Hi-Rel Pushbutton Switches



THESE QUALITY LONG LIFE PUSHBUTTON SWITCHES HAVE A SOFT TOUCH WITH ASSORTED COLORED BUTTONS AND FRAMES. METAL COLORED BUTTONS ARE ALUMINUM AND OTHER BUTTON COLORS ARE MOLDED PLASTIC. THERE ARE TWO TYPES, ALTERNATE (ON-OFF) AND MOMENTARY (ON).

- MECHANICAL LIFE: 100,000 OPERATIONS
- ELECTRICAL LIFE: 50,000 OPERATIONS
- RATING: 3A 125VAC, 1A 250VAC
- MOUNTING HOLE: .40" • SPST

## SOFT TOUCH MINIATURE PUSH ON - PUSH OFF

STOCK NO.	FIG.	BUTTON COLOR	FRAME COLOR	CIRCUIT	PRICE EACH			
					1	10	100	500
10PP422	1	RED	BLACK	ON-OFF	1.94	1.62	1.47	CALL FOR QUOTE
10PP423	1	BLACK	BLACK	ON-OFF	1.94	1.62	1.47	
10PP425	1	METAL	BLACK	ON-OFF	2.58	2.16	1.96	
10PP426	1	METAL	METAL	ON-OFF	3.14	2.61	2.38	
10PP432	2	RED	BLACK	ON-OFF	1.95	1.63	1.48	
10PP433	2	BLACK	BLACK	ON-OFF	1.95	1.68	1.48	
10PP435	2	METAL	BLACK	ON-OFF	2.61	2.18	1.98	
10PP436	2	METAL	METAL	ON-OFF	3.26	2.72	2.47	
10PP438	3	NOTCHED METAL	BLACK	ON-OFF	2.61	2.16	1.98	
10PP439	3	NOTCHED METAL	METAL	ON-OFF	3.26	2.72	2.47	
10PP442	4	RED	BLACK	ON-OFF	1.91	1.59	1.45	
10PP443	4	BLACK	BLACK	ON-OFF	1.91	1.59	1.45	
10PP445	4	METAL	BLACK	ON-OFF	2.55	2.13	1.93	
10PP446	4	METAL	METAL	ON-OFF	3.21	2.67	2.43	
10PP448	5	NOTCHED METAL	BLACK	ON-OFF	2.56	2.13	1.93	
10PP449	5	NOTCHED METAL	METAL	ON-OFF	3.21	2.67	2.43	

## SOFT TOUCH MINIATURE PUSH-ON MOMENTARY

STOCK NO.	FIG.	BUTTON COLOR	FRAME COLOR	CIRCUIT	PRICE EACH			
					1	10	100	500
10PA322	1	RED	BLACK	OFF-(ON)	1.76	1.46	1.33	CALL FOR QUOTE
10PA323	1	BLACK	BLACK	OFF-(ON)	1.76	1.46	1.33	
10PA325	1	METAL	BLACK	OFF-(ON)	2.60	2.00	1.82	
10PA326	1	METAL	METAL	OFF-(ON)	2.95	2.46	2.23	
10PA332	2	RED	BLACK	OFF-(ON)	1.78	1.48	1.34	
10PA333	2	BLACK	BLACK	OFF-(ON)	1.78	1.48	1.34	
10PA335	2	METAL	BLACK	OFF-(ON)	2.55	1.96	1.78	
10PA336	2	METAL	METAL	OFF-(ON)	2.98	2.48	2.25	
10PA338	3	NOTCHED METAL	BLACK	OFF-(ON)	2.42	1.99	1.83	
10PA339	3	NOTCHED METAL	METAL	OFF-(ON)	2.99	2.56	2.33	
10PA342	4	RED	BLACK	OFF-(ON)	1.73	1.44	1.30	
10PA343	4	BLACK	BLACK	OFF-(ON)	1.73	1.44	1.31	
10PA345	4	METAL	BLACK	OFF-(ON)	2.38	1.98	1.80	
10PA346	4	METAL	METAL	OFF-(ON)	2.99	2.52	2.29	
10PA348	5	NOTCHED METAL	BLACK	OFF-(ON)	2.37	1.97	1.80	
10PA349	5	NOTCHED METAL	METAL	OFF-(ON)	2.99	2.52	2.28	

## SQUARE PUSHBUTTON SWITCHES

THESE HIGH-RELIABILITY SWITCHES ARE RATED 3A @ 250V. THEY ARE AVAILABLE IN YOUR CHOICE OF RED OR BLACK. REQUIRE .5" HOLE FOR MOUNTING.

- CONTACT RESISTANCE: 10 MILLIOHMS
- INSULATION RESISTANCE: 100 MEGAOHMS
- BREAKDOWN VOLTAGE: 1500 VAC
- SOFT-TOUCH
- LOW CONTACT RESISTANCE
- HIGH INSULATION RESISTANCE
- LONG LIFE • SPST
- EASY MOUNTING

## PUSH ON - PUSH OFF

STOCK NO.	FIG.	BUTTON COLOR	FRAME COLOR	CIRCUIT	PRICE EACH			
					1	10	100	500
ME107-MS198-RED	6	RED	BLACK	ON-OFF	2.45	1.99	1.85	CALL FOR QUOTE
ME107-MS198-BLK	6	BLACK	BLACK	ON-OFF	2.45	1.99	1.85	

## STANDARD TOUCH ( ) = MOMENTARY CONTACT

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING	COLOR	PRICE EACH			
						1	10	100	500
10PA201	7	SPST	OFF-(ON)	3A 125V	RED	1.70	1.42	1.29	CALL FOR QUOTE
10PA202	7	SPST	OFF-(ON)	3A 125V	BLACK	1.70	1.42	1.29	
10PP221	8	SPST	ON-OFF	3A 125V	RED	2.71	2.27	2.06	
10PP222	8	SPST	ON-OFF	3A 125V	BLACK	2.71	2.27	2.06	
10PP231	8	SPDT	ON-ON	3A 125V	RED	2.87	2.40	2.18	
10PP232	8	SPDT	ON-ON	3A 125V	BLACK	2.87	2.40	2.18	
10PP241	8	DPDT	ON-ON	3A 125V	RED	3.34	2.78	2.53	
10PP242	8	DPDT	ON-ON	3A 125V	BLACK	3.34	2.78	2.53	
10PA220	9	SPST	OFF-(ON)	1A 125V	RED	1.19	.92	.84	
10PA221	9	SPST	OFF-(ON)	1A 125V	BLACK	1.19	.92	.84	
10PA018	10	SPST	OFF-(ON)	.5A 125V	RED	1.17	.89	.82	
10PA019	10	SPST	OFF-(ON)	.5A 125V	BLACK	1.17	.89	.82	
10PA080	11	SPST	OFF-(ON)	1A 125V	BLACK	1.46	1.21	1.10	
10PA111	12	SPST	OFF-(ON)	1A 125V	RED	1.24	.99	.93	
10PA112	12	SPST	OFF-(ON)	1A 125V	BLACK	1.27	1.06	.96	
10PA121	12	SPST	ON-(OFF)	1A 125V	RED	1.52	1.27	1.15	
10PA122	12	SPST	ON-(OFF)	1A 125V	BLACK	1.52	1.27	1.15	
10PM031	13	SPST	ON-OFF	3A 250V	RED	2.35	1.95	1.78	CALL FOR QUOTE
10PM021	13	SPST	OFF-(ON)	3A 250V	RED	1.56	1.30	1.18	
10PM022	13	SPST	OFF-(ON)	3A 250V	BLACK	1.56	1.30	1.18	
10PT561	14	SPST	OFF-(ON)	3A 125V	RED	1.61	1.35	1.22	
10PT562	14	SPST	OFF-(ON)	3A 125V	BLACK	1.61	1.35	1.22	



# MOUSER® Switches

## HI-REL DIP SWITCHES

LEADS ARE ON 2.54mm (0.1") BY 7.62mm (0.3") STANDARD SPACING CENTERS. THESE DIP SWITCHES ARE SEALED AT THE BASE WITH A THERMO-SETTING PLASTIC TO PROVIDE COMPLETE PROTECTION AGAINST SOLDER FLUX CONTAMINATION.

### SPECIFICATIONS

- MECHANICAL PERFORMANCE**
  - OPERATION FORCE: 100-800g
  - STROKE:  $2 \pm 0.5$ mm
- ELECTRICAL PERFORMANCE**
  - RATING: NON-SWITCHING: 50V DC at 500mA  
SWITCHING: 24V DC at 300mA
  - CONTACT RESISTANCE: 50 OHMS MAX.  
(12V DC at 100mA)
  - INSULATION RESISTANCE: 100M OHMS MIN. BETWEEN TERMINALS
  - BREAKDOWN VOLTAGE: 500V DC FOR ONE MINUTE
  - CAPACITANCE: 5pF MAX. BETWEEN ADJACENT CONTACTS
  - OPERATION TEMPERATURE:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

STOCK NO.	FIG.	TYPE	DIMENSIONS A	PRICE EACH			
				1	10	50	100
10JS001	1	5PST	.19"	1.67	1.38	1.27	CALL FOR QUOTE
10JS002	1	2PST	.29"	1.92	1.59	1.45	CALL FOR QUOTE
10JS004	1	4PST	.49"	3.91	3.26	2.96	CALL FOR QUOTE
10JS006	1	6PST	.69"	5.31	4.42	3.99	CALL FOR QUOTE
10JS008	1	8PST	.85"	5.99	4.79	4.56	CALL FOR QUOTE
PROTECTIVE DUST COVERS FIT STOCK NO.							
10JS114	1	4PST	10JS004	.32	.27	.24	CALL FOR QUOTE
10JS116	1	6PST	10JS006	.32	.27	.24	CALL FOR QUOTE
10JS118	1	8PST	10JS008	.32	.27	.24	CALL FOR QUOTE

## LOW PROFILE DIP SWITCHES

### FEATURES

- MINIATURE CASE SIZE
- SELF-CLEANING, BIFURCATED CONTACTS

- TAPE-SEALED FOR FLUX CLEANING
- RECESSED ACTUATORS
- SUITABLE FOR AUTOMATIC INSERTION

### SPECIFICATIONS

- RATING: 50VDC @ 100mA (NON-SWITCHING)  
24VDC @ 25mA (SWITCHING)
- CONTACT RESISTANCE: 50m OHM
- DIELECTRIC STRENGTH: 500VAC
- INSULATION RESISTANCE: 100M OHMS

STOCK NO.	FIG.	CIRCUIT	LENGTH (IN.)	PRICE EACH			
				1	10	25	50
ME106-1102	2	2PST	.26	1.79	1.49	1.36	CALL FOR QUOTE
ME106-1104	2	4PST	.46	2.31	1.92	1.74	CALL FOR QUOTE
ME106-1106	2	6PST	.66	2.88	2.40	2.18	CALL FOR QUOTE
ME106-1108	2	8PST	.86	3.31	2.76	2.51	CALL FOR QUOTE

## ECONOMY DIP SWITCHES

### SPECIFICATIONS

- RATING: 50V DC 100mA (NON-SWITCHING)  
5V DC 100mA (SWITCHING)  
25V DC 25mA (SWITCHING)
- CONTACT RESISTANCE: 30 OHMS OR LESS  
2VDC 10mA
- CONTACT PRESSURE: OVER 100g
- INSULATION RESISTANCE: OVER 100M OHMS  
AT 100VDC
- DIELECTRIC STRENGTH: 500V DC FOR ONE MINUTE
- LIFE CYCLE: 10,000 CYCLES
- HEAT RESISTANCE:  $240^{\circ}\text{C}$
- GOLD PLATED CONTACTS

THESE LOW PROFILE ECONOMY DIP SWITCHES ARE EXTREMELY SIMPLE TO APPLY. NEW SLIDE CONTACTS HAVE HIGHER SHOCK AND VIBRATION RESISTANCE. CONTACTS ARE SELF-CLEANING, PRODUCING A STABLE CONTACT AND CIRCUIT TRANSFER AT ALL TIMES.

STOCK NO.	FIG.	NO. OF CIRCUITS	DIMENSIONS L	PRICE EACH			
				1	10	50	100
10BA004	3	4	.46"	3.12	2.60	2.37	CALL FOR QUOTE
10BA008	3	8	.85"	4.65	3.88	3.52	CALL FOR QUOTE

## SIDE ACTUATED DIP SWITCHES

### SPECIFICATIONS

- RATING: 50V DC 100mA (NON-SWITCHING)  
5V DC 100mA (SWITCHING)  
25V DC 100mA (SWITCHING)
- CONTACT RESISTANCE: 30 OHMS OR LESS  
2VDC 10mA
- CONTACT PRESSURE: OVER 100g
- INSULATION RESISTANCE: 100M OHMS  
AT 100VDC
- DIELECTRIC STRENGTH: 500V DC FOR ONE MINUTE
- LIFE CYCLE: 10,000 CYCLES
- OPERATING TEMP:  $-20^{\circ}\text{C}$  TO  $+80^{\circ}\text{C}$

LOW PROFILE PIANO TYPE DIP SWITCHES WITH SMOOTH POSITIVE ACTION. EDGE MOUNTING PROVIDES EASY ACCESS ON CLOSELY PACKED PC BOARDS. CONTACTS ARE SELF-CLEANING PRODUCING A STABLE CONTACT AND CIRCUIT TRANSFER AT ALL TIMES. CONTACTS ARE ALSO COMPLETELY SEALED FROM SOLDERING AND FLUX.

STOCK NO.	FIG.	TYPE	DIMENSIONS L	PRICE EACH			
				1	10	50	100
10BA104	4	4PST	.5"	2.99	2.72	2.48	CALL FOR QUOTE
10BA108	4	8PST	.9"	3.99	3.39	3.08	CALL FOR QUOTE

## ULTRA LOW PROFILE PCB PROGRAMING DIP SWITCHES

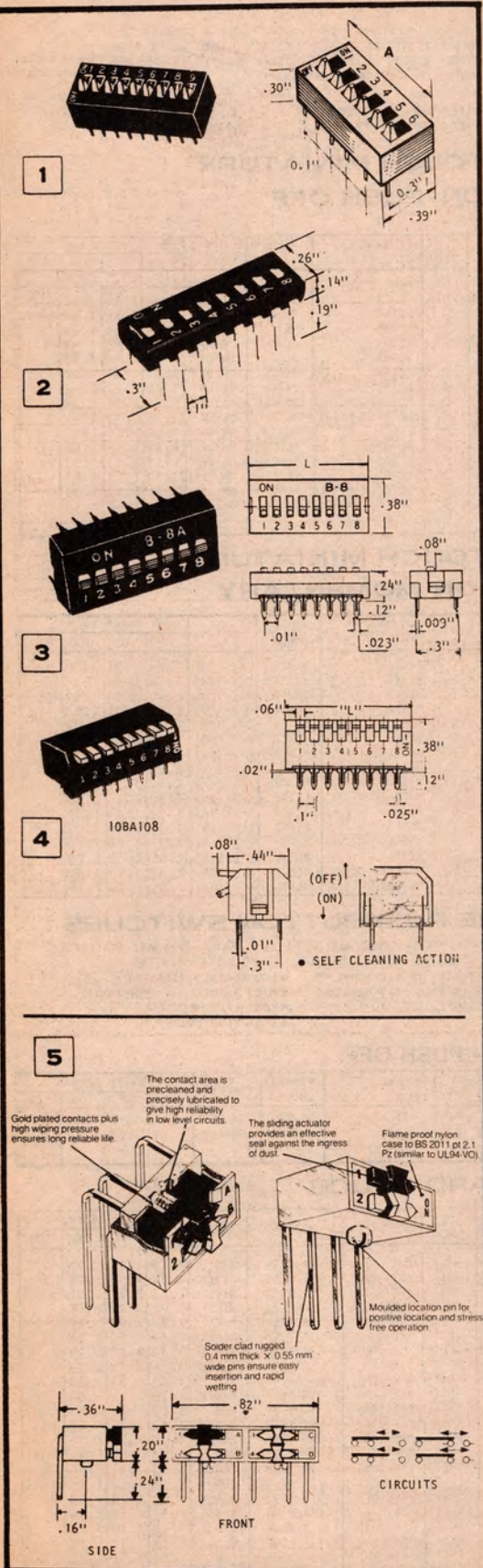
### SPECIFICATIONS

- NON-SWITCHING: 100 VAC, 5A
- SWITCHING:  $1\mu\text{V}$  TO 100V,  $1\mu\text{A}$  TO 1A, MAX 10VA
- INITIAL CONTACT RESISTANCE: TYPICAL, 20 OHMS  
(AT 10mV, 10mA MAX.) MAX., 50 OHMS
- INSULATION RESISTANCE: 100G  
AT 500VDC MIN
- LIFE TYPICAL: 10,000 CYCLES  
(WITHIN RATED LOAD)
- DIELECTRIC STRENGTH: 500V r.m.s. 50HZ  
FOR 1 MINUTE

- CAPACITANCE BETWEEN OPEN CONTACTS: 1pF
- TEMPERATURE RANGE:  $-55^{\circ}\text{C}$  TO  $+100^{\circ}\text{C}$
- STORAGE AND OPERATION
- COLOR CODED ACTUATORS
- .2" HT. PERMITS ON BOARD PROGRAMING WITHOUT REMOVAL.
- DESIGNED SPECIALLY FOR EDGE MOUNTING ON CLOSE RACKING SYSTEMS
- .1" PIN CENTERS

STOCK NO.	FIG.	NO. OF CIRCUIT	PRICE EACH			
			1	10	50	100
ME109-SCS4015	5	4	2.14	1.95	1.76	CALL FOR QUOTE

CHANGEVER-SPDT  
DUAL IN-LINE (COMMON CENTER PIN)





# Color Coded "Recessed" Dip Switches

• DESIGNED FOR SOLVENT IMMERSION CLEANING

• DESIGNED FOR WAVE SOLDERING

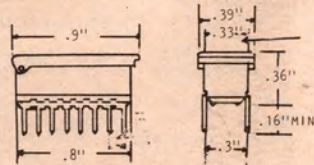
• COLOR CODED ACTUATORS

## CONTACT RATINGS:

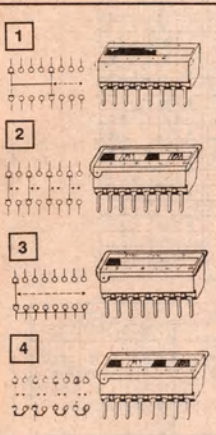
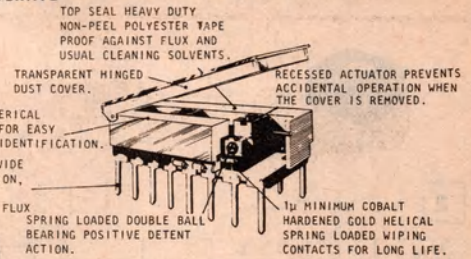
SWITCHING: 30V, 250mA 7.5VA MAX.  
NON SWITCHING: 240VAC, 2A

## LIFE:

20,000 BREAK/MAKES



RUGGED .002" x .01" WIDE PINS FOR EASY INSERTION, MOLDED INTO BASE FOR PERFECT SEAL AGAINST FLUX AND SOLVENTS.

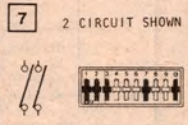
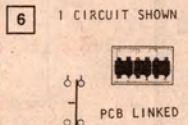
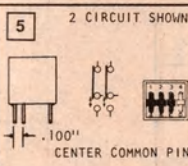


### FULLY UNLINKED PC PINS

STOCK NO.	FIG.	POLES	PRICE EACH			
			1	10	50	100
10SD024	1	2	2.99	2.55	2.31	CALL FOR QUOTE
10SD240	2	4	5.92	4.59	4.17	CALL FOR QUOTE

### WITH PC PINS LINKED ON ONE SIDE

STOCK NO.	FIG.	POLES	PRICE EACH			
			1	10	50	100
10SC018	3	1	4.79	3.71	3.38	CALL FOR QUOTE
10SC042	4	4	2.63	2.03	1.84	CALL FOR QUOTE



### CHANGEOVER TRIPLE IN LINE s.p.d.t.

STOCK NO.	FIG.	NO. OF CIRCUITS	LENGTH (INCHES)	PRICE EACH			
				1	10	50	100
10CS402	5	4	.473	3.11	2.41	2.19	CALL FOR QUOTE
10CS602	5	6	.670	4.37	3.39	3.08	CALL FOR QUOTE
10CS802	5	8	.867	10.22	8.20	7.46	CALL FOR QUOTE
10CS102	5	10	1.07	5.80	4.70	4.28	CALL FOR QUOTE

### CHANGEOVER s.p.d.t.

STOCK NO.	FIG.	NO. OF CIRCUITS	LENGTH (INCHES)	PRICE EACH			
				1	10	50	100
10DC304	6	3	.670	2.06	1.59	1.44	CALL FOR QUOTE
10DC502	6	5	1.07	3.16	2.45	2.23	CALL FOR QUOTE

### ON/OFF s.p.s.t.

STOCK NO.	FIG.	NO. OF CIRCUITS	LENGTH (INCHES)	PRICE EACH			
				1	10	50	100
10DS102	7	10	1.07	2.71	2.11	1.92	CALL FOR QUOTE

## MOUSER® Switches

### MIDGET PUSHBUTTON SWITCHES

THESE QUALITY MIDGET PUSHBUTTON SWITCHES HAVE REMOVABLE KEYCAPS, FEATURE A SOFT TOUCH OR TACTILE TOUCH, AND ARE AVAILABLE IN RED, BLACK, OR WHITE. A SIMPLE PLASTIC CONSTRUCTION MAKES THEM RELIABLE AND ECONOMICAL.

#### SPECIFICATIONS

- RATING: 1A 125VAC, SPDT
- INSULATING RESISTANCE: 100 MEGOHMS @ 500VAC
- VOLTAGE BREAKDOWN: 1000VAC
- CONTACT RESISTANCE: 20 MEGOHMS
- LIFE EXPECTANCY: MECHANICAL-50,000 OPERATIONS ELECTRICAL-30,000 OPERATIONS
- PC TERMINATION

#### ROUND

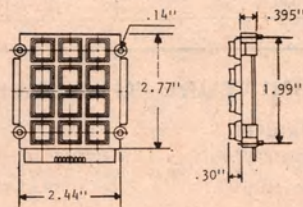
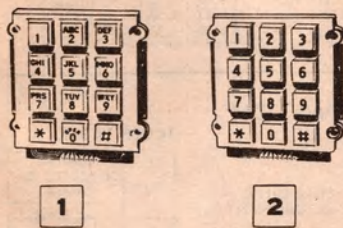
STOCK NO.	BUTTON COLOR	CIRCUIT	PRICE EACH			
			1	10	100	500
10KB011	RED	OFF-(ON)	1.25	.96	.87	CALL FOR QUOTE
10KB012	BLACK	OFF-(ON)	1.25	.96	.87	CALL FOR QUOTE
10KB015	WHITE	OFF-(ON)	1.25	.96	.87	CALL FOR QUOTE
10KB021	RED	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB022	BLACK	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB025	WHITE	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE

#### SQUARE

STOCK NO.	BUTTON COLOR	CIRCUIT	PRICE EACH			
			1	10	100	500
10KB031	RED	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB032	BLACK	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB035	WHITE	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB041	RED	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB042	BLACK	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE
10KB045	WHITE	OFF-(ON)	1.18	.91	.83	CALL FOR QUOTE

### LOW PROFILE KEYBOARD SWITCHES

QUALITY KEY BOARD SWITCHES WITH .30" TERMINAL ADD EXCELLENT APPEARANCE TO YOUR APPLICATION. PUSHBUTTON SWITCH IS CONTOURED. CONTACT BOUNCE IS LESS THAN 15 MILLSEC. TRAVEL .08" APPROXIMATELY.

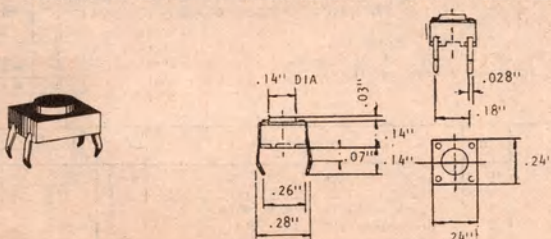


#### SPECIFICATIONS

- RATING: 20mA @ 24VDC
- CONTACT RESISTANCE: 500 OHM MAX.
- INSULATING RESISTANCE: 100M OHM @ 25VDC
- BREAKDOWN VOLTAGE: 125VAC FOR 1 MIN.

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	50	100
10KB324	1	BOARD WITH LETTERS	11.99	9.99	8.99	CALL FOR QUOTE
10KB329	2	BOARD WITHOUT LETTERS	11.99	9.99	8.99	CALL FOR QUOTE

### MICRO-MINIATURE PUSHBUTTON KEYBOARD SWITCH



NEW IN 88

#### SPECIFICATIONS

- RATING: 50mA 12VDC
- CONTACT RESISTANCE: 100M OHMS MAX.
- VOLTAGE BREAKDOWN: 100 VAC/MINUTE
- LIFE EXPECTANCY: 100,000 CYCLES

STOCK NO.	PRICE EACH		
	1	10	100
10KB010	.49	.32	.29

QUANTITY DISCOUNTS ON ALL ITEMS - CALL



# MOUSER® Switches

## MINIATURE BINARY-CODED ROTARY SWITCHES

### FEATURES

- MINIATURE SIZE
- DIP MOUNTING
- GOLD-PLATED CONTACTS
- O-RING FLUX SEAL
- HIGH REL/HIGH STABILITY

### SPECIFICATIONS

- RATING: 50VDC @ 100mA (NON-SWITCHING)  
5VDC @ 100mA (SWITCHING)
- CONTACT RESISTANCE: 100mOHM
- DIELECTRIC STRENGTH: 250VAC
- INSULATION RESISTANCE: 1000 M OHM MIN. (100VDC)

• SHOWS CONNECTION WITH TERMINAL

STOCK NO.	POSITION	CODE			
		1	2	3	4
REAL CODE ME106-MS830-16RS ME106-MS830-10RS	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	A				
	B				
	C				
	D				
	E				
	F				

STOCK NO.	POSITION	CODE			
		1	2	3	4
COMPLEMENTARY CODE ME106-MS830-16LS ME106-MS830-10CS	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	A				
	B				
	C				
	D				
	E				
	F				

STOCK NO.	FIG.	NO. OF POSITIONS	CIRCUIT	CODE FORMAT	PRICE EACH			
					1	10	25	50
ME106-MS830-10RS	1	10	BINARY-CODED DECIMAL	REAL	4.35	3.63	3.30	CALL FOR QUOTE
ME106-MS830-10CS	1	10	BINARY-CODED DECIMAL	COMP	4.35	3.63	3.30	
ME106-MS830-16RS	2	16	BINARY-CODED HEXIDECIMAL	REAL	4.64	3.86	3.51	
ME106-MS830-16CS	2	16	BINARY-CODED HEXIDECIMAL	COMP	4.64	3.86	3.51	

## MINIATURE BINARY-CODED ROTARY SWITCHES

• HERMETICALLY SEALED SWITCHES

### SPECIFICATIONS

- RATING: 5VDC 100mA (SWITCHING)  
50VDC 100mA (NON-SWITCHING)
- CONTACT RES: 100mOHM MAX.
- OPERATING TEMP: 25°-70°C
- INSULATION RES: 250 VDC 100M OHM MIN.

THESE SPACE-SAVING MINIATURES OFFER WIDE APPLICATION FOR NUMERICALLY CONTROLLED COMMUNICATION AND TEST INSTRUMENTS, AND FOR DIGITAL EQUIPMENT PROGRAMMING. CONTACTS ARE GOLD PLATED FOR HIGH RELIABILITY AND HERMETICALLY SEALED TO INSURE PROTECTION AGAINST DUST, GAS, AND SOLDER WASHING.

POSITION	CODE	1	2	4	8
REAL CODE ME106-V610 ME106-V610	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	A				
	B				
	C				
	D				
	E				
	F				

POSITION	CODE	1	2	4	8
COMPLEMENTARY CODE ME106-V620 ME106-V620	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	A				
	B				
	C				
	D				
	E				
	F				

STOCK NO.	FIG.	NO. OF POSITIONS	ROTATION LIFE	PRICE EACH			
				1	10	50	100
ME106-V110	3	10	10,000 STEPS MIN.	4.82	3.99	3.65	CALL FOR QUOTE
ME106-V120	3	10	10,000 STEPS MIN.	4.82	3.99	3.65	
ME106-V610	4	16	10,000 STEPS MIN.	4.82	3.99	3.65	
ME106-V620	4	16	10,000 STEPS MIN.	4.82	3.99	3.65	

## MINIATURE THUMBWHEEL SWITCH

### FEATURES

- MINIATURE SIZE
- EASY TO READ NUMBERS
- PC MOUNTING
- BLACK COLOR
- UNIQUE DESIGN ALLOWS FOR REAR MOUNTING OR FLUSH MOUNTING BY CHANGING END PLATES

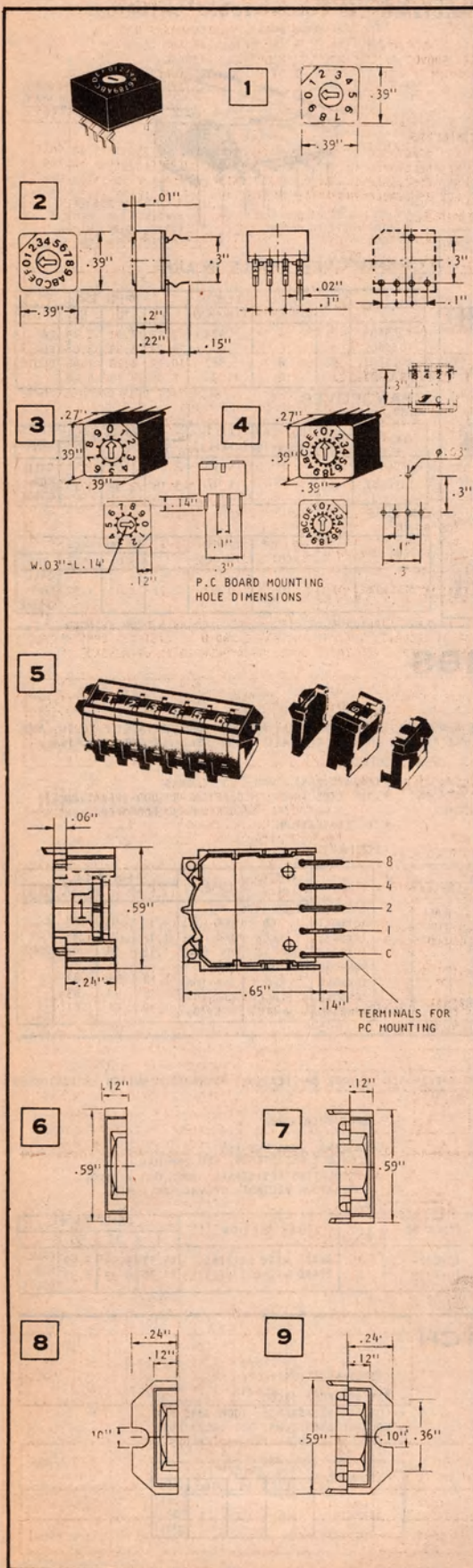
### ELECTRICAL SPECIFICATIONS

- RATING: SWITCHING LOAD CAPACITY 28V 50mA DC (RESISTIVE LOAD)
- CONTINUOUS CURRENT: 100mA ~ 100mA
- CONTACT RESISTANCE (INITIAL): 250mΩ MAX.
- INSULATION RESISTANCE: 100MΩ MIN. AT 250V DC
- BREAKDOWN VOLTAGE: 250V AC FOR ONE MINUTE

### TRUTH TABLE

DIAL	TERMINAL CONNECTED TO COMMON			
	8	4	2	1
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
ME106-9801	5	SINGLE SECTION, DECIMAL SWITCH	4.61	3.84	3.49	CALL FOR QUOTE
ME106-9802	6	FLUSH MOUNT END PLATE, LEFT	.56	.37	.34	
ME106-9803	7	FLUSH MOUNT END PLATE, RIGHT	.56	.37	.34	
ME106-9804	8	REAR MOUNT END PLATE, LEFT	.56	.37	.34	
ME106-9805	9	REAR MOUNT END PLATE, RIGHT	.56	.37	.34	





# MOUSER® Security Switches

## HIGH RELIABILITY SECURITY KEY SWITCHES

- AC RATING: 3A 125V
- CONTACT RESISTANCE: 1A 2-4VDC @ 20M OHMS
- INSULATION RESISTANCE: 500VDC @ 100M OHMS
- VOLTAGE BREAKDOWN: 1000VAC 1 MIN.
- CHROME PLATED BRASS HOUSING
- COMPLETE WITH TWO KEYS AND MOUNTING HARDWARE
- LIFE: 30,000 CYCLES

STOCK NO.	FIG.	TYPE	DESCRIPTION	PRICE EACH			
				1	10	100	500
<b>SOLDER TAB TERMINALS</b>							
10KS181	1	SPDT	KEY REMOVABLE IN "A" POSITION ONLY	14.86	13.51	12.28	CALL FOR QUOTE
10KS182	1	SPDT	KEY REMOVABLE IN "A" & "B" POSITIONS	14.86	13.51	12.28	
10KS183	2	SPDT	KEY REMOVABLE IN "A" POSITION ONLY	14.18	12.90	11.72	
10KS184	2	SPDT	KEY REMOVABLE IN "A" & "B" POSITIONS	14.18	12.90	11.72	
<b>SOLDER POT TERMINALS</b>							
10KS826	3	SPST	KEY REMOVABLE IN "A" & "B" POSITIONS	8.96	6.99	6.44	

### KEY BLANKS FOR SECURITY SWITCHES

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	25	50
ME107-0001	4	KEY BLANK FOR 10KS183 & 184 SWITCHES	2.19	1.82	1.65	1.49

## SECURITY KEY SWITCHES

- POSITION INDICATOR
- DURABLE NYLON HOUSING
- SOLDER TERMINALS
- COMPLETE WITH 2 KEYS AND MOUNTING HARDWARE
- RATING: 1A, 125VAC
- VOLT. BREAKDOWN 1000VAC 1 MIN
- INSULATION RESISTANCE: 100 MEGOHMS @ 500VDC
- ELECTRICAL LIFE: 15,000 OPERATIONS
- MECHANICAL LIFE: 30,000 OPERATIONS
- CONTACT RES: 20 MILLIOHMS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	50	100
ME107-S5232	5	KEY REMOVABLE IN 'B' POSITION ONLY RED POSITION INDICATOR	11.61	10.55	9.59	CALL FOR QUOTE
ME107-S5233	6	KEY REMOVABLE IN 'B' & 'C' POSITIONS WHITE INDICATOR	11.61	10.55	9.59	

## SECURITY-CABINET SWITCH

OUR PUSH BUTTON SWITCH HAS MANY APPLICATIONS. IT MAY BE USED AS A DOOR, WINDOW OR CABINET SWITCH, OR AS A SECURITY SWITCH. AC RATED AND U.L. LISTED, CONSTRUCTED OF BLACK PLASTIC. NORMALLY OFF. (CONTACTS CLOSE WHEN PLUNGER IS DEPRESSED).

• U.L. NO. E67774

STOCK NO.	FIG.	TYPE	CIRCUIT	RATING AMPS VOLTS	COLOR	PRICE EACH			
						1	10	100	500
ME106-R1352	7	SPST	OFF-(ON)	.75A 125V .25A 250V	BLACK	1.29	.99	.89	CALL FOR QUOTE

## MAGNETIC REED SWITCHES

- GOLD PLATED REED SWITCH
- MOLDED PLASTIC CASE
- HERMETICALLY SEALED REED
- U.L. REGISTERED # BT 2416
- CONTACT RATING: 120VAC 30VA
- CONTACT MAX. CURRENT: 1A DC
- OPERATING TEMP: -20°C TO 95°C

STOCK NO.	FIG.	DESCRIPTION	OPERATING GAP	COLOR	PRICE EACH				
					1	10	25	50	
CLOSED CIRCUIT									
507-AMS-39	8A	CLOSED WITH MAGNET IN PLACE	0.500"	WHITE	2.80	2.73	2.55	CALL FOR QUOTE	
507-AMS-37	9A	CLOSED WITH MAGNET IN PLACE	2.0"	GRAY	4.30	4.19	4.10		
OPEN CIRCUIT									
10SA002	8	OPEN WITH MAGNET IN PLACE	0.5"	BLACK	7.33	6.11	5.55		

## AMS-10 N/C MINI MAGNETIC SWITCH

- NORMALLY CLOSED MINI MAGNET SWITCH.

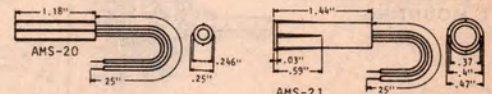
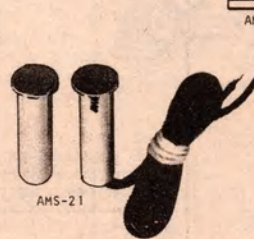
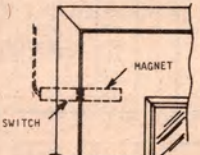
STOCK NO.	FIG.	COLOR	PRICE EACH			
			1	10	50	100
507-AMS-10I	10	IVORY	2.16	2.09	2.99	CALL FOR QUOTE
507-AMS-10B	10	BROWN	2.16	2.09	2.99	

- 3/4" GAP DISTANCE WITH EXTRA LONG 24" AWG-22 LEAD WIRES.
- DOUBLE FACED 3M ADHESIVE MOUNTING FOR FAST, EASY INSTALLATION OR USE SCREWS.
- COMPACT SIZE MAKES THESE SWITCHES IDEAL FOR ALUMINUM SLIDING DOORS AND WINDOWS.

## Recessed Reed Switches

THESE UL LISTED RECESSED REED SWITCHES AMS-20 AND AMS-21 ARE EASILY INSTALLED BY SIMPLY PUSHING THE SWITCH INTO A DRILLED HOLE. THE INSTALLED SWITCHES ARE VERY CLEAN IN APPEARANCE AND ARE NOT EASILY NOTICED.

- CAN BE EASILY INSTALLED INTO DOORS OR WINDOW FRAMES.
- THE BODY OF THE SWITCH IS SEALED WITH A SPECIAL RESIN WHICH MAKES IT WATERPROOF, CORROSION, AND RUST RESISTANT.
- HIGHLY DURABLE RHODIUM-PLATED CONTACT POINTS.
- THESE SWITCHES ARE ECONOMICAL AND EASY-TO-USE WITH SMALL DETECTORS. THE AMS-20 MOUNTS INTO A 1/4" DRILLED HOLE AND THE AMS-21 MOUNTS INTO A 3/8" DRILLED HOLE.
- BOTH THE AMS-20 AND THE AMS-21 OPERATE ON A 3/4 INCH GAP AND ONLY IN NORMALLY CLOSED CIRCUITS WITH MATCHING MAGNET SUPPLIED.



STOCK NUMBER	COLOR	PRICE EACH			
		1	10	50	100
507-AMS-20I	IVORY	2.25	2.20	2.10	CALL FOR QUOTE
507-AMS-20B	BROWN	2.25	2.20	2.10	
507-AMS-21I	IVORY	2.50	2.45	2.35	
507-AMS-21B	BROWN	2.50	2.45	2.35	

MODEL	CONTACT RATING (V.A.W.)	MAX. VOLTAGE	MAX. CURRENT	CONTACT RESISTANCE (INITIAL MAX)	OPERATION GAP
AMS-20	10VA	100V AC/DC	0.3A	150m OHM	3/4 INCH
AMS-21	10VA	100V AC/DC	0.3A	150m OHM	3/4 INCH

ONE-STOP SHOPPING SAVES TIME



# MOUSER® Standard and Miniature Rotary Switches

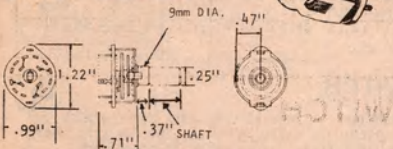
THESE ROTARY SWITCHES ARE FOR COMMERCIAL, INDUSTRIAL AND CONSUMER APPLICATIONS. THEY ARE AVAILABLE IN A WIDE SELECTION OF CONFIGURATIONS, POLES AND POSITIONS. SOLID BRASS BUSHINGS, SOLID ALUMINUM SHAFTS, PLATED FRAME, AND PHENOLIC CONTACT WAFER, 1/4" DIAMETER SHAFTS. TYPES SHOWN ARE AVAILABLE FROM STOCK. ALL SWITCHES ON THIS PAGE ARE SUPPLIED WITH ONE NUT AND ONE FLAT WASHER.

## SPECIFICATIONS

- CONTACT RATING: 0.3 AMPS @ 125VAC
- INSULATION RESISTANCE: 10M OHMS @ 500VDC
- CONTACT RESISTANCE: 30 OHMS @ 1A DC
- BREAKDOWN VOLTAGE: 500VAC FOR 60 SECONDS
- ROTATIONAL TORQUE: 1 TO 3 Kg/Cm

## SHORTING CONTACTS (MAKE BEFORE BREAK)

### 1 SECTION/STANDARD SOLDER TERMINALS



### 3/8" SHAFT

• SHORTING CONTACTS (MAKE BEFORE BREAK)

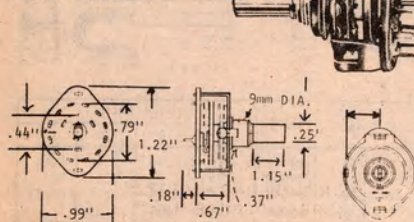
STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10W017	1	7	1.75	.97	.88		CALL FOR QUOTE
10W018	1	8	1.08	.85	.77		
10W019	1	9	1.08	.85	.77		
10W025	2	5	1.25	.97	.88		
10W026	2	6	1.25	.97	.88		
10W033	3	3	1.25	.97	.88		
10W034	3	4	1.25	.97	.88		
10W042	4	2	1.25	.97	.88		
10W043	4	3	1.25	.97	.88		
10W052	5	2	.54	.43	.39		
10W062	6	2	1.25	.97	.88		
10W112	1	12	1.25	.97	.88		

### 1/4" SHAFT

• SHORTING CONTACTS (MAKE BEFORE BREAK)

STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10WS033	3	3	.54	.43	.39		CALL FOR QUOTE
10WS034	3	4	.54	.43	.39		
10WS042	4	2	.54	.43	.39		
10WS043	4	3	.54	.43	.39		
10WS052	5	2	.54	.43	.39		
10WS062	6	2	.54	.43	.39		

### 1 SECTION/STANDARD PC MOUNTING



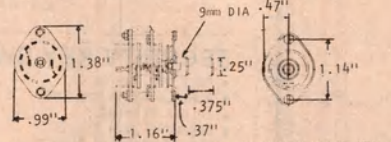
### 1/4" SHAFT

• SHORTING CONTACTS (MAKE BEFORE BREAK)

STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10WK033	3	3	.59	.48	.41		CALL FOR QUOTE

## SHORTING CONTACTS (MAKE BEFORE BREAK)

### 2 SECTION/STANDARD SOLDER TERMINALS

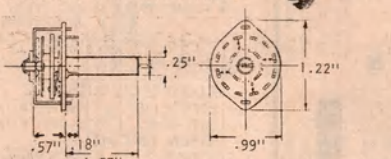


### 3/8" SHAFT

• SHORTING CONTACTS (MAKE BEFORE BREAK)

STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10WR027	2	7	.99	.84	.77		CALL FOR QUOTE
10WR028	2	8	.99	.84	.77		
10WR029	2	9	.99	.84	.77		
10WR212	2	12	2.47	2.06	1.87		
10WR045	4	5	2.47	2.06	1.87		
10WR046	4	6	2.47	2.06	1.87		
10WR064	6	4	2.47	2.06	1.87		
10WR083	8	3	2.47	2.06	1.87		
10WR122	12	2	2.47	2.06	1.87		

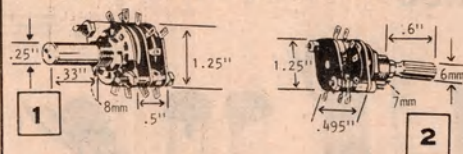
### REVERSE PC MOUNTING



• SHORTING CONTACTS (MAKE BEFORE BREAK)

STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10WG043	4	3	.59	.48	.41		CALL FOR QUOTE

## MINIATURE ROTARY SWITCHES



• SHORTING CONTACTS (MAKE BEFORE BREAK)

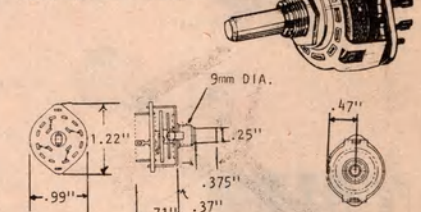
STOCK NO.	FIG.	POLES	POSNS.	PRICE EACH				
				1	10	100	500	
10YM018	1	1	8	.82	.69	.62		CALL FOR QUOTE
10YM025	1	2	5	.82	.69	.62		
10YM034	1	3	4	.82	.69	.62		
10YM043	1	4	3	.82	.69	.62		
10YM062	1	6	2	.82	.69	.62		
10YM112	1	1	12	.82	.69	.62		

### KNURLED SHAFT

STOCK NO.	FIG.	POLES	POSNS.	1	10	100	500	
10YM143	2	4	3	1.64	1.38	1.24		CALL FOR QUOTE

## NON-SHORTING CONTACT (BREAK BEFORE MAKE)

### SOLDER TERMINALS

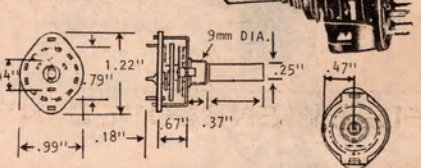


### 3/8" SHAFT

• NON-SHORTING CONTACTS (BREAK BEFORE MAKE)

STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10YX025	2	5	1.30	1.05	.96		CALL FOR QUOTE
10YX026	2	6	1.30	1.05	.96		
10YX034	3	4	1.30	1.05	.96		
10YX043	4	3	1.30	1.05	.96		
10YX062	6	2	1.30	1.05	.96		
10YX112	1	12	1.30	1.05	.96		

### PC MOUNTING



### 3/8" SHAFT

• NON-SHORTING CONTACTS (BREAK BEFORE MAKE)

STOCK NO.	POLES	POSNS	PRICE EACH				
			1	10	100	500	
10YQ018	1	8	1.30	1.05	.96		CALL FOR QUOTE
10YQ025	2	5	1.30	1.05	.96		
10YQ026	2	6	1.30	1.05	.96		
10YQ034	3	4	1.30	1.05	.96		
10YQ043	4	3	1.30	1.05	.96		
10YQ062	6	2	1.23	.95	.86		
10YQ110	1	10	1.30	1.05	.96		
10YQ112	1	12	1.30	1.05	.96		

## REPLACEMENT HARDWARE

- 9mm FITS ALL OF OUR STANDARD SIZE ROTARY SWITCHES, ABOVE
- 8mm FITS 10YM018 THRU 10YM112
- 7mm FITS 10YM143 ONLY

THE ROTARY SWITCHES LISTED ON THIS PAGE ARE SUPPLIED WITH ONE NUT AND ONE WASHER.

SEE HARDWARE SECTION FOR MORE HARDWARE

• MINIMUM ORDER 5 PIECES

STOCK NO.	TYPE	DIA.	PRICE EACH				
			5	100	1000	10000	
48AN007	NUT	7mm	.10	.04	.02		CALL FOR QUOTE
48AN008	NUT	8mm	.10	.04	.02		
48AN009	NUT	9mm	.10	.04	.02		
48CW007	WASHER	7mm	.10	.02	.01		
48CW008	WASHER	8mm	.10	.02	.01		
48CW009	WASHER	9mm	.10	.02	.01		



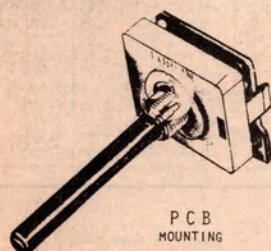
# MOUSER® Hi-Rel. Adjustable Rotary Switches

## HI-REL HORIZONTAL PC MOUNTING

HOUSING AND SHAFT MOLDED OF GLASS FILLED PLASTIC TO UL-VI. ALL CONTACT SURFACES ARE COVERED BY A DUST AND MOISTURE RESISTANT PLASTIC COVER. CONTACT MATERIAL IS SILVER PLATED BRASS. UNIQUE DESIGN FEATURES ADJUSTABLE STOPS. THE NUMBER OF POSITIONS IS USER SELECTABLE. MAKES IT EASY TO MATCH DESIRED APPLICATIONS.

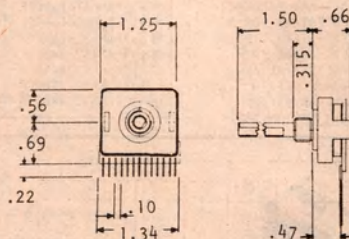
NUMBER OF POSITIONS IS USER ADJUSTABLE

SHAFT DIA: 1/4"  
BUSHING DIA: 3/8"



COMPLETE WITH BRASS  
BUSHING, BRASS HEX  
NUT, LOCK WASHER AND  
STOP TAB RING.

DIMENSIONS IN INCHES



### SPECIFICATIONS

- CURRENT CAPACITY: 2A AC OR DC CONTINUOUS
- WORKING VOLTAGE: 250 VAC OR 250 VDC MAX
- CONTACT RATING: .5A MAX
- CONTACT RESISTANCE: <50m OHMS
- INSULATION RESISTANCE: >500 MEGOHMS @ 500 VDC
- BREAKDOWN VOLTAGE: 1000 VAC OR 1000 VDC
- CONTACT LIFE: >20,000 CYCLES
- CONTACT TYPE: NON SHORTING (BREAK BEFORE MAKE)
- INDEXING ANGLE: 30°
- SWITCHING TORQUE: 0.7 TO 1.4 Ncm
- SWITCH POSITION: USER SELECTABLE
- CONTACT MATERIAL: SILVER PLATED BRASS
- TERMINATION: PC PINS TO .100" SPACING

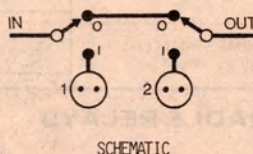
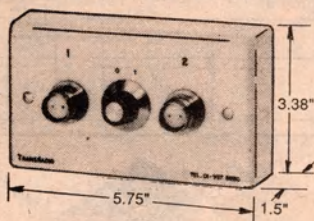
### NON-SHORTING

(BREAK-BEFORE-MAKE)

STOCK NO.	POLES	POSITIONS	PRICE EACH			
			1	10	100	500
10WF101	1	2-12	9.98	7.85	7.07	CALL FOR QUOTE
10WF102	2	2-6	9.98	7.85	7.07	
10WF103	3	2-4	9.98	7.85	7.07	
10WF104	4	2-3	9.98	7.85	7.07	

## MOUSER® IBM COMPATIBLE TWINAXIAL DATA SWITCH

NEW!



DOUBLE POLE TWINAXIAL CABLE SWITCHER FOR  
ITT 3480 AND IBM 34, 36, AND 38 COMPUTER  
SYSTEMS.  
CONVENIENT DEVICE TO SIMULTANEOUSLY SWITCH  
BOTH POLES AND SCREEN.

MOUSER PART NO.	DESCRIPTION	PRICE EACH	
		1	5
ME109-99511	TWINAXIAL SW TERM	87.58	79.62

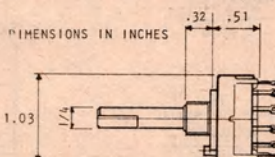
## FULLY ENCLOSED NYLON SHAFT ROTARY SWITCHES



SOLDER TERMINAL



PC MOUNTING



HI-REL  
SHORTING

(MAKE-BEFORE-BREAK)

### FEATURES

- PC MOUNTING OR SOLDER TERMINAL
- NUMBER OF POSITIONS IS USER ADJUSTABLE
- THREE SHAFT LENGTHS AVAILABLE
- GLASS FILLED NYLON, FLAME RETARDANT, EXCEEDS UL-VI AND UL94-V0. NYLON DESIGN ALSO PROVIDES MAX. SHOCK HAZARD PROTECTION. SHAFT IS NYLON, AND CAN EASILY BE CUT TO ANY LENGTH. FULLY ENCLOSED CONTACTS.

### SPECIFICATIONS

- WORKING VOLTAGE: 300 VAC OR 300 VDC MAX.
- BREAKDOWN VOLTAGE: 1000 VAC @ 25°C
- CURRENT CAPACITY: 5 AMPS CONTINUOUS
- CONTACT RESISTANCE: LESS THAN 20m OHMS
- INDEX ANGLE: 30°
- CONTACT RATINGS: .35A @ 110 VAC OR DC .15A @ 250 VAC OR DC
- CONTACT LIFE: OVER 15,000 OPERATIONS
- CONTACT PLATING: OVER .0001" SILVER
- POSITIONS: THE NUMBER OF POSITIONS IS USER SELECTABLE ACCORDING TO THE TYPE ORDERED.

### ECONOMY NON-SHORTING CONTACTS (BREAK-BEFORE-MAKE)

STOCK NO.	POLES	POSITIONS	PRICE EACH			
			1	10	100	500
PC TERMINAL 1.25" SHAFT LENGTH						
10WX147	4	2-3	.49	.46	.42	CALL FOR QUOTE

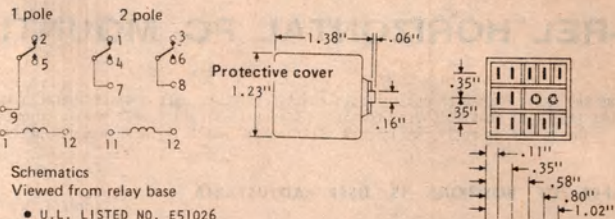
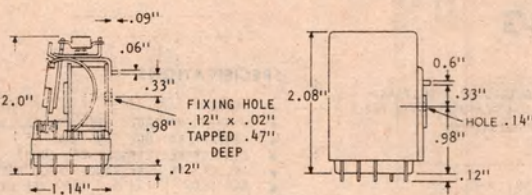
STOCK NO.	POLES	POSITIONS	PRICE EACH			
			1	10	100	500
SOLDER TERMINAL 1-3/16" SHAFT LENGTH						
10WA124	1	2-12	1.99	1.68	1.53	CALL FOR QUOTE
10WA125	2	2-6	1.99	1.68	1.53	
10WA126	3	2-4	1.99	1.68	1.53	
10WA127	4	2-3	1.99	1.68	1.53	
PC MOUNT 1-3/16" SHAFT LENGTH						
10WA144	1	2-12	1.99	1.68	1.53	
10WA145	2	2-6	1.99	1.68	1.53	
10WA146	3	2-4	1.99	1.68	1.53	
10WA147	4	2-3	1.99	1.68	1.53	
SOLDER TERMINAL 3/8" SHAFT LENGTH						
10WA154	1	2-12	1.99	1.68	1.53	CALL FOR QUOTE
10WA155	2	2-6	1.99	1.68	1.53	
10WA156	3	2-4	1.99	1.68	1.53	
10WA157	4	2-3	1.99	1.68	1.53	
SOLDER TERMINAL 1/2" SHAFT LENGTH						
10WA164	1	2-12	1.99	1.68	1.53	
10WA165	2	2-6	1.99	1.68	1.53	
10WA166	3	2-4	1.99	1.68	1.53	
10WA167	4	2-3	1.99	1.68	1.53	

STOCK NO.	POLES	POSITIONS	PRICE EACH				
			1	10	100	500	
SOLDER TERMINAL 1-3/16" SHAFT LENGTH							
10WA324	1	2-12	1.99	1.68	1.53	CALL FOR QUOTE	
10WA325	2	2-6	1.99	1.68	1.53		
10WA327	4	2-3	1.99	1.68	1.53		
PC MOUNT 1-3/16" SHAFT LENGTH							
10WA344	1	2-12	1.99	1.68	1.53		
10WA345	2	2-6	1.99	1.68	1.53		
10WA346	3	2-4	1.99	1.68	1.53		
10WA347	4	2-3	1.99	1.68	1.53		
SOLDER TERMINAL 3/8" SHAFT LENGTH							
10WA354	1	2-12	1.99	1.68	1.53	CALL FOR QUOTE	
10WA355	2	2-6	1.99	1.68	1.53		
10WA356	3	2-4	1.99	1.68	1.53		
SOLDER TERMINAL 1/2" SHAFT LENGTH							
10WA364	1	2-12	1.99	1.68	1.53		
10WA365	2	2-6	1.99	1.68	1.53		
10WA366	3	2-4	1.99	1.68	1.53		



# MOUSER® Industrial Relays

## MOUSER® GENERAL PURPOSE RELAYS



- CROSS REFERENCE:  
STRUTHERS-DUNN A314 SERIES  
MAGNECRAFT CLASS 88 SIGMA  
SERIES 50 P AND B KV SERIES

### SPECIFICATIONS

- RATING: 6A @ 24VDC
- POWER CONSUMPTION: 1.25W/2.5VA
- FUNCTION: 1 OR 2 FORM C
- RELEASE TIME: 20ms MAX.
- ELECTRICAL LIFE: .5 x 10<sup>6</sup> OPERATIONS MIN.
- MECHANICAL LIFE: 5 x 10<sup>6</sup> OPERATIONS MIN.
- PROTECTIVE COVER: POLYCARBONATE
- SILVER CONTACTS

THESE VERSATILE RELAYS ARE MANUFACTURED OF HIGH GRADE MATERIALS FOR A LONG, STABLE OPERATING LIFE. THEIR QUALITY AND VERSATILITY MAKE THEM IDEAL FOR NUMEROUS INDUSTRIAL APPLICATIONS. THEY ARE AVAILABLE IN OPEN OR ENCLOSED MODELS AND IN SOLDER TERMINALS OR PCB MOUNTING STYLES.

STOCK NO.	CIRCUIT	MOUNTING	VDC	HOUSING	PRICE EACH				
					1	10	25	50	
ME433-KMK31B12DC	SPDT	PCB	12	OPEN	8.76	7.45	6.85	CALL FOR QUOTE	
ME433-KMK32B12DC	DPDT	PCB	12	OPEN	9.45	8.03	7.39		
ME433-KMK32B24DC	DPDT	PCB	24	OPEN	9.45	8.03	7.39		
ME433-KMK31B12CCR	SPDT	PCB	12	W/CVR	10.19	8.66	7.97		
ME433-KMK32B12CCR	DPDT	PCB	12	W/CVR	10.88	9.25	8.51		
ME433-KMK32B24CCR	DPDT	PCB	24	W/CVR	10.88	9.25	8.51		
ME433-KMK3212VDC	DPDT	SOLDER	12	OPEN	9.05	7.69	7.07		
ME433-KMK3224VDC	DPDT	SOLDER	24	OPEN	9.05	7.69	7.07		
ME433-KMK3212VCCR	DPDT	SOLDER	12	W/CVR	10.47	8.90	8.19		
ME433-KMK3224VCCR	DPDT	SOLDER	24	W/CVR	10.47	8.90	8.19		

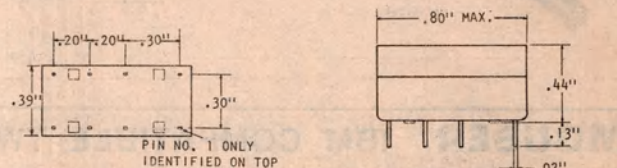
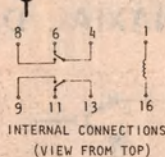
## MOUSER® DIP RELAYS

THESE MINIATURE ELECTROMAGNETIC RELAYS OFFER 2 AMP DPDT CONTACTS IN A DUAL IN-LINE PACKAGE. THEY ARE SUITABLE FOR MOUNTING DIRECTLY TO PC BOARD OR 16 PIN DIP SOCKETS.

- CROSS REFERENCE:  
CLARE LM SERIES P AND B T80

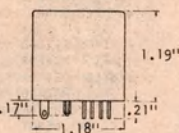
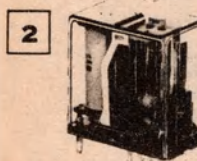
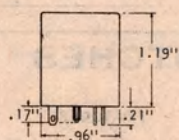
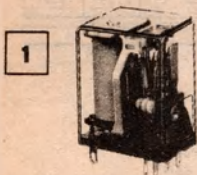
### SPECIFICATIONS

- 2 AMPS AT 125 VAC
- POWER CONSUMPTION: 550mW
- CONTACTS: SILVER WITH GOLD OVERLAY
- FUNCTION: 2 POLE CHANGEOVER
- RELEASE TIME: 10ms MAX.
- MECHANICAL LIFE: 25,000,000 OPERATIONS MIN.



STOCK NO.	CIRCUIT	VDC	PRICE EACH				
			1	10	25	50	
ME433-MV2P5VDC	DPDT	5	5.46	4.55	4.13	CALL FOR QUOTE	
ME433-MV2P12VDC	DPDT	12	5.46	4.55	4.13		

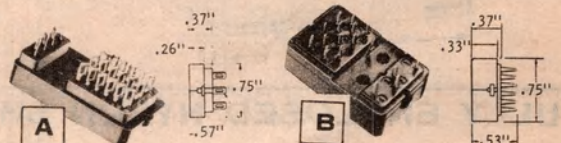
## MOUSER® VP SERIES MINIATURE CRADLE RELAYS



### SPECIFICATIONS

- 5 AMP
- BISTABLE MAGNETIC LATCHING AVAILABLE
- PC OR SOLDER TERMINAL MOUNTING OPTIONS
- MECHANICAL LIFE: 100,000,000 OPERATIONS
- FINE SILVER, GOLD FLASHED CONTACTS

- CROSS REFERENCE:  
MAGNECRAFT CLASS 67  
SIGMA SERIES 70  
GOULD T154/163

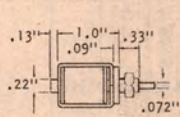
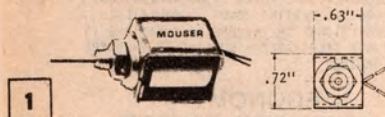


### SOCKETS FOR OPTIONAL MOUNTING

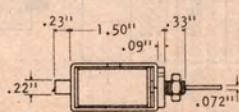
STOCK NO.	FIG	RELAY MATE	TERMINALS	PRICE EACH				
				1	10	25	50	
ME151-VP2135101	A	FIG 1	SOLDER	2.29	1.83	1.65	CALL FOR QUOTE	
ME151-VP2135201	B	FIG 1	PCB	2.29	1.83	1.65		
ME151-VP4135102	A	FIG 2	SOLDER	2.49	1.99	1.79		
ME151-VP4135202	B	FIG 2	PCB	2.49	1.99	1.79		

STOCK NO.	FIG.	TYPE	DC VOLT.	MOUNTING	PRICE EACH				
					1	10	25	50	
ME433-VP25ACAB12	1	2PDT	12	SOLDER	6.81	5.79	5.33	CALL FOR QUOTE	
ME433-VP25ACAB24	1	2PDT	24	SOLDER	6.81	5.79	5.33		
ME433-VP2PCB5ACAB12	1	2PDT	12	PCB	7.99	6.81	5.79		
ME433-VP2PCB5ACAB24	1	2PDT	24	PCB	7.99	6.81	5.79		
ME433-VP4ACAB12	2	4PDT	12	SOLDER	9.65	8.20	7.54		
ME433-VP4ACAB24	2	4PDT	24	SOLDER	9.65	8.20	7.54		
ME433-VP4PCB5ACAB12	2	4PDT	12	PCB	11.35	9.65	8.20		
ME433-VP4PCB5ACAB24	2	4PDT	24	PCB	11.35	9.65	8.20		

## MOUSER® GENERAL PURPOSE SOLENOIDS



THESE QUALITY MINIATURE SOLENOIDS ARE DESIGNED FOR GENERAL DC APPLICATIONS.



### SMOO SERIES

DESIGNED FOR SHORT STROKE OPERATIONS IN CONFINED SPACES. PULL OR THRUST ACTION.

### SMSO SERIES

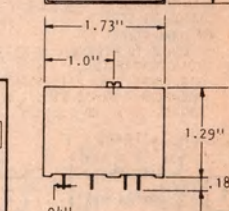
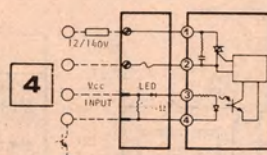
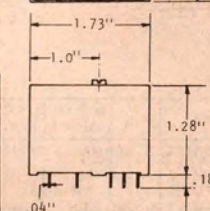
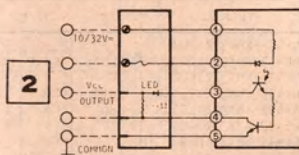
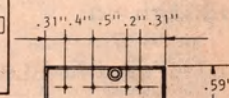
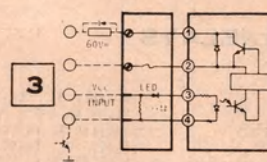
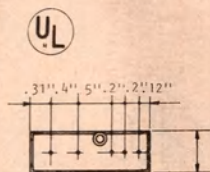
DESIGNED FOR LIGHT, HIGH SPEED DUTY AT LONGER STROKES. PULL OR THRUST ACTION.

STOCK NO.	FIG	VDC	WATTS	RATING	PRICE EACH				
					1	10	25	50	
ME433-SMO010024VDC	1	24	2.7	100%	8.80	7.48	6.88	CALL FOR QUOTE	
ME433-SMO05024VDC	1	24	5.5	50%	8.80	7.48	6.88		
ME433-SMO010050VDC	1	50	2.7	100%	8.80	7.48	6.88		
ME433-SMO05050VDC	1	50	5.5	50%	8.80	7.48	6.88		
ME433-SMO1006VDC	2	6	3.0	100%	12.24	10.40	9.57		
ME433-SMO10012VDC	2	12	3.0	100%	12.24	10.40	9.57		
ME433-SMO10024VDC	2	24	3.0	100%	12.24	10.40	9.57		



## MOUSER® INPUT/OUTPUT MODULES

**1**

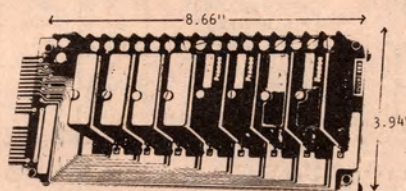


STOCK NO.	GORDOS	HAMLIN	OPTO 22
ME433-SEA05020	1AC5A	1AC5A	1AC5A
ME433-SSA05310	OAC5	OAC5	OAC5
ME433-SEC05003	1DC5	1DC5	1DC5
ME433-SSC05306	ODC5	ODC5	ODC5

STOCK NO.	FIG.	TYPE	DESCRIPTION	INPUT VOLTAGE	LOGIC VOLTAGE	OUTPUT VOLTAGE	PRICE EACH				CALL FOR QUOT
							1	5	10	25	
ME433-5EA05020	1	IAC5A	AC-INPUT	24/220 VAC	5	4.5-6 V	17.49	15.88	14.44		
ME433-5SA05310	4	OAC5	AC-OUTPUT	3-15 V	5	12/140 VAC	17.49	15.88	14.44		
ME433-5SC05003	2	IDC5	DC-INPUT	10-32 V	5	4.5-6 V	17.49	15.88	14.44		
ME433-5SC05306	3	ODC5	DC-OUTPUT	3-15 V	5	60 V	17.49	15.88	14.44		

**SUPPORTS 8 INPUT/OUTPUT MODULES**

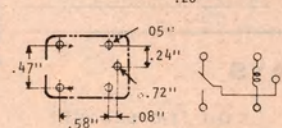
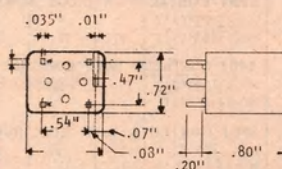
- ALL-GOLD PLATED CONTACTS
- MULTI SYSTEM COMPATIBLE
- HIGH RELIABILITY
- BARRIER STRIP WITH SCREW TERMINALS FOR EASY CONNECTIONS
- LED STATUS INDICATORS



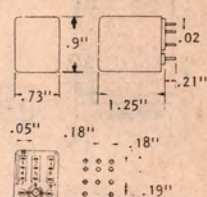
MODULES  
NOT INCLUDED

STOCK NO.	PRICE EACH
	1
ME433-EBS08000	80.44

## 1

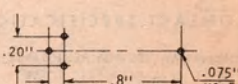
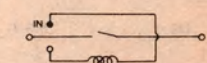


MOUNTING HOLE LAYOUT BOTTOM VIEW



.36" MOUNTING HOLE LAYOUT  
 4  
 8  
 0

STOCK NO.	FIG	COIL VOLTAGE	CONTACT ACTION	CONTACT RATING AT 32VDC	COIL OHMS	PRICE EACH				CALL FOR QUOTE
						1	10	50	100	
43BC001	1	12VDC	SPDT	1 AMP	400	3.32	2.78	2.53		
43BC003	1	12VDC	SPDT	3 AMPS	400	3.32	2.78	2.53		
43BC011	2	12VDC	DPDT	1 AMP	400	5.08	4.24	3.85		
43BC013	2	12VDC	DPDT	3 AMPS	400	5.29	4.79	4.49		



STOCK NO.	COIL VOLT (VDC)	COIL RES	COIL POWER DISSIPATION	PRICE EACH				
				1	10	50	100	500
ME431-1405	5.0	250	100	1.79	1.49	1.36	1.24	CALL FOR QUOT
ME431-1412	12.0	1050	137	1.79	1.49	1.36	1.24	

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# MOUSER® Dip Reed Relays

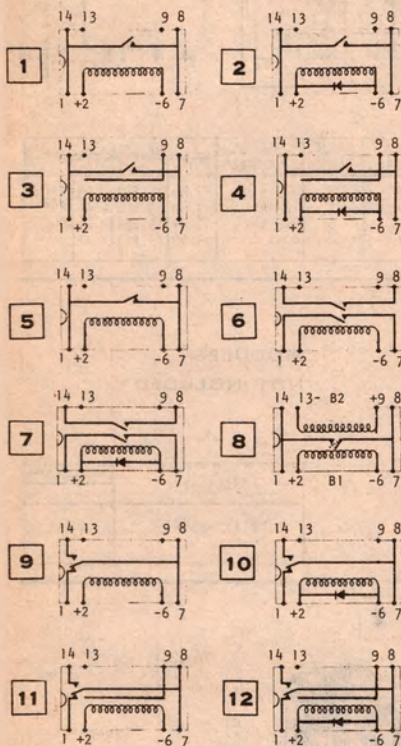
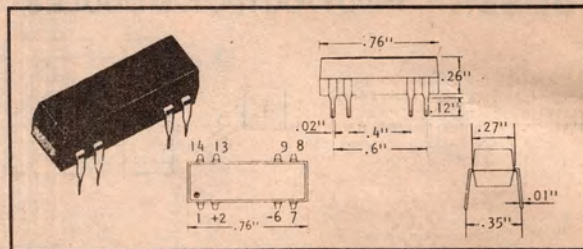


## HI-REL DIP REED RELAYS

### CROSS REFERENCES

- CLARE PRM SERIES
- ELECTROL RA SERIES
- DOUGLAS RANDALL 501P SERIES
- STRUTHERS-DUNN MRR SERIES
- HAMLIN 700 SERIES
- GORDOS 83 SERIES
- TTL COMPATIBLE
- DESIGNED TO MEET MIL 5 55433A - MIL R 5757F

OUR NEW D30 SERIES IS A REED-RELAY IN A DIP PACKAGE. IT IS SIMILAR TO INTEGRATED CIRCUITS IN DESIGN, SHAPE AND TRANSFER MOLD PROCESS.

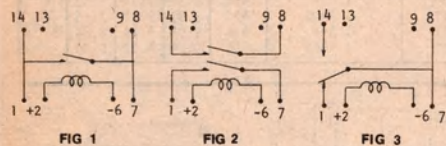


STOCK NO.	FIG.	NOMINAL VOLTAGE	OPERATING VOLTAGE	RELEASE VOLTAGE	MAX. VOLTAGE	COIL ( $\Omega$ $\pm 10$ )	CONTACT RATINGS			PRICE EACH			
							WATTS	VOLTS	MILLIAMPS	1	25	50	100
SPST CONTACTS NORMALLY OPEN													
ME433-D31A310	1	5	3.7	1.0	8	500	10	100	500	3.58	3.22	2.90	CALL FOR QUOTE
ME433-D31A510	1	12	8.0	2.0	25	1000	10	100	500	3.58	3.22	2.90	
SPST CONTACTS NORMALLY OPEN & DIODE ACROSS COIL													
ME433-D31A311	2	5	3.7	1.0	8	500	10	100	500	3.95	3.59	3.26	
ME433-D31A511	2	12	8.0	2.0	25	1000	10	100	500	3.95	3.59	3.26	
SPST CONTACTS NORMALLY OPEN WITH ELECTROSTATIC SHIELD													
ME433-D31A312	3	5	3.7	1.0	8	500	10	100	500	4.59	3.83	3.48	
ME433-D31A512	3	12	8.0	2.0	25	1000	10	100	500	4.59	3.83	3.48	
SPST CONTACTS NORMALLY OPEN WITH ELECTROSTATIC SHIELD & DIODE ACROSS COIL													
ME433-D31A314	4	5	3.7	1.0	8	500	10	100	500	5.35	4.46	4.05	
ME433-D31A514	4	12	8.0	2.0	25	1000	10	100	500	5.35	4.46	4.05	
SPST CONTACTS NORMALLY CLOSED													
ME433-D31B310	5	5	3.7	1.0	8	500	10	100	250	6.99	5.99	5.47	
ME433-D31B510	5	12	8.0	2.0	16	1000	10	100	250	6.99	5.99	5.47	
DPDT CONTACTS NORMALLY OPEN													
ME433-D32A210	6	5	4.2	0.8	9	125	10	100	250	6.85	6.23	5.67	CALL FOR QUOTE
ME433-D32A510	6	12	9.6	2.0	12	500	10	100	250	6.85	6.23	5.67	
DPDT CONTACTS NORMALLY OPEN													
ME433-D32A211	7	5	4.2	3.7	9	125	10	100	250	7.76	7.06	6.41	
ME433-D32A511	7	12	9.6	8.0	12	500	10	100	250	7.76	7.06	6.41	
SPST LATCHING ACTION													
ME433-D31L310	8	5	3.7	1.0	8	2x 410	10	100	250	13.98	12.71	11.55	
ME433-D31L510	8	12	8.0	2.0	10	2x1500	10	100	250	13.98	12.71	11.55	
SPDT CONTACTS													
ME433-D31C210	9	5	3.7	1.0	12	200	3	28	250	7.42	6.75	6.13	
ME433-D31C510	9	12	8.0	2.0	18	500	3	28	250	7.42	6.75	6.13	
SPDT CONTACTS & DIODE ACROSS COIL													
ME433-D31C211	10	5	3.7	1.0	12	200	3	28	250	8.15	7.40	6.73	
ME433-D31C511	10	12	8.0	2.0	18	500	3	28	250	8.15	7.40	6.73	
SPDT CONTACTS WITH ELECTROSTATIC SHIELD													
ME433-D31C212	11	5	3.7	1.0	12	200	3	28	250	8.15	7.40	6.73	CALL FOR QUOTE
ME433-D31C512	11	12	8.0	2.0	18	500	3	28	250	8.15	7.40	6.73	
SPDT CONTACTS WITH ELECTROSTATIC SHIELD & DIODE ACROSS COIL													
ME433-D31C214	12	5	3.7	1.0	12	200	3	28	250	8.85	8.05	7.32	
ME433-D31C514	12	12	8.0	2.0	18	500	3	28	250	8.85	8.05	7.32	

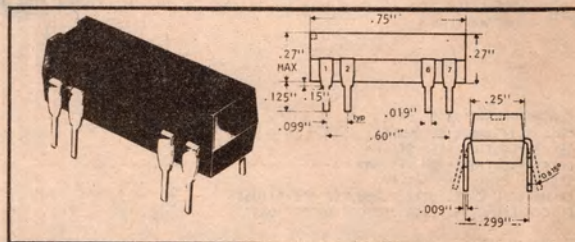
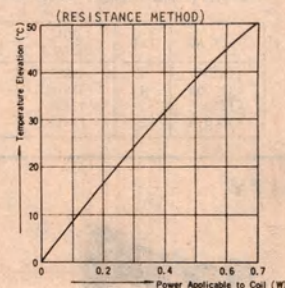
## STANDARD-REL DIP REED RELAYS

### WIRING DIAGRAMS

COMPATIBLE WITH IN-LINE IC'S INCLUDING CHARACTERISTICS THAT MINIMIZE INTERFACE BUFFERING.



### COIL TEMPERATURE ELEVATION CURVE



### SPECIFICATIONS

- INSULATION RESISTANCE:  $10^{10}(\Omega)$  MIN.
- BREAKDOWN VOLTAGE: 500 (VDC) MIN.
- OPERATE TIME: 1.0 (mS) MAX.
- RELEASE TIME: 1.0 (mS) MAX.
- OPERATING TEMP RANGE: FROM -20°C TO +60°C.

### CONTACT SPECIFICATIONS

(SHOWING VALUES FOR RESISTANCE LOAD, AND CONTACT PROTECTING CIRCUITS REQUIRED FOR C AND L CHARACTERISTIC LOADS)

FIG.	CONTACT RATING (W) MAX.	SWITCHING CURRENT (A) MAX.	SWITCHING VOLTAGE (VDC) MAX.	CARRY CURRENT (A) MAX.	LIFE (MILLION CYCLES) MECHANICAL	BREAKDOWN VOLTAGE (VDC) MIN.	INITIAL CONTACT RESISTANCE (M $\Omega$ ) MAX.
1	10	0.5	100	2.0	100	200	250
2	10	0.5	100	2.0	100	200	250
3	4	0.3	30	1.0	50	200	250

STOCK NO.	COIL VOLTS	COIL RES.	NOMINAL CURRENT	OPERATING VOLTAGE (VDC)	PRICE EACH			
					1	10	50	100
FIG 1 SPST								
ME431-2105	5.0 VDC	500	10.0mA	4.0	4.34	3.62	3.29	CALL FOR QUOTE
ME431-2106	6.0 VDC	600	10.0mA	4.5	4.34	3.62	3.29	
ME431-2112	12.0 VDC	800	15.0mA	9.6	4.34	3.62	3.29	
FIG 2 DPDT								
ME431-2205	5.0 VDC	90	55.6mA	4.0	7.77	6.31	5.74	CALL FOR QUOTE
ME431-2212	12.0 VDC	350	34.3mA	9.6	7.77	6.31	5.74	
FIG 3 SPDT								
ME431-2305	5.0 VDC	150	33.4mA	4.0	11.49	10.34	9.43	CALL FOR QUOTE
ME431-2312	12.0 VDC	450	26.7mA	9.6	11.49	10.34	9.43	

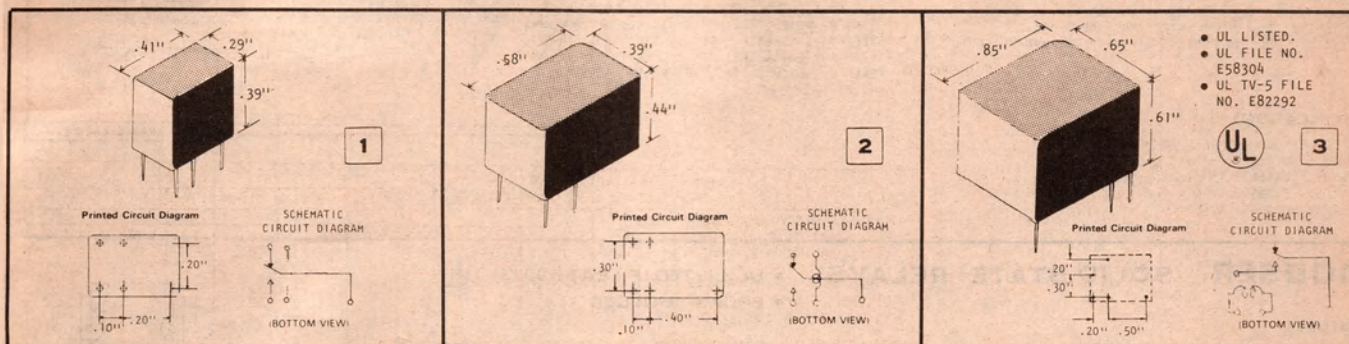


# MOUSER® Relays

## MOUSER® HIGH PERFORMANCE MINIATURE RELAYS

THESE QUALITY SINGLE CONTACT (SPDT) PRINTED CIRCUIT BOARD RELAYS ARE EXCELLENT SPACE SAVING DEVICES. THEIR MINIATURE SIZE AND LIGHTWEIGHT CONSTRUCTION ARE IDEAL FOR CONSTRICTED DESIGNING APPLICATIONS. A VARIETY OF USES, THESE RELAYS ARE SUITABLE FOR OEM AND CONSUMER EQUIPMENT.

• HIGH DENSITY SEALED CONSTRUCTION • WIDE SWITCHING CAPACITY • PC BOARD TERMINATION • EXCELLENT HIGH TEMP/CHEMICAL SOLUTION CHARACTERISTICS • LOW COST

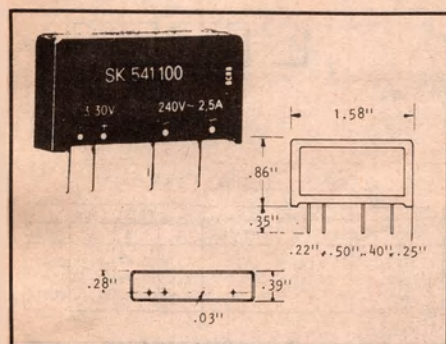


### SPECIFICATIONS

- LIFE EXPECTANCY: MECHANICAL - 10,000,000 TIMES OR GREATER  
ELECTRICAL - 100,000 TIMES OR GREATER
- INSULATION RESISTANCE: 100 MEGOHMS OR GREATER @ 500V DC
- OPERATING TEMPERATURE: -25°C to +55°C
- CONTACT CENTERS: .10"
- CONTACT RESISTANCE: LESS THAN 50 MILLIOHMS
- DIELECTRIC STRENGTH: 500 VAC, 50/60HZ  
4000 VAC, 50/60HZ (UL LISTED RELAYS)

STOCK NO.	FIG	NOMINAL COIL		WATTS (W)	RESISTANCE OHMS/TOL	SWITCHING CAPACITY	PRICE EACH			
		VOLTAGE (DC)	CURRENT (MA)				1	10	50	100
MICRO-MINIATURE HIGH CURRENT TO DRY CIRCUIT										
ME431-1106	1	6	75	.45	80±10%	2A@ 100VAC/24VDC	2.39	1.99	1.82	CALL
ME431-1112	1	12	37.5	.45	320±10%	2A@ 100VAC/24VDC	2.39	1.99	1.82	FOR
ME431-1105	1	5	90	.45	55±10%	2A@ 100VAC/24VDC	2.39	1.99	1.82	QUOTE
SUBMINIATURE										
ME431-1206	2	6	60	.36	100±10%	2A@ 120VAC/24VDC	2.89	2.31	2.08	
ME431-1212	2	12	30	.36	400±10%	2A@ 120VAC/24VDC	2.89	2.31	2.08	
ME431-1205	2	5	72	.36	75±10%	2A@ 120VAC/24VDC	2.89	2.31	2.08	
MINIATURE DRY CIRCUIT TO 10A - UL LISTED										
ME431-1306	3	6	60	.36	100±10%	3A@ 120VAC/24VDC	3.59	2.99	2.75	CALL
ME431-1312	3	12	30	.36	400±10%	3A@ 120VAC/24VDC	3.59	2.99	2.75	FOR
ME431-1305	3	5	72	.36	55±10%	3A@ 120VAC/24VDC	3.59	2.99	2.75	QUOTE

## MOUSER® MINIATURE SOLID STATE RELAYS



### SPECIFICATIONS

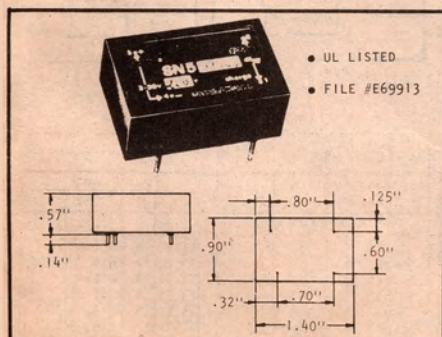
OUTPUT		MEASURES	TEST CONDITIONS	INPUT	
PERMANENT CURRENT MAX	OVERLOAD CURRENT	2.5A 90A	20°C 10ms	INPUT RESISTANCE	1.5kΩ
HOLDING CURRENT	DV/DT	≤50ma 100V/US	25°C	NOMINAL OPERATING VOLTAGE	3-30V
INPUT/OUTPUT ISOLATION	LINE VOLTAGE	2500VAC +20V	SWITCH ON	PICKUP VOLTAGE	3V
1"/10ms	40A2S		OFF STATE	RELEASE VOLTAGE	.8V
LEAKAGE CURRENT		≤3.5ma			

THIS IS A LOW POWER MINIATURE RELAY WITH OPTOCOUPLER INPUT AND TRIAC OUTPUT. THEY SWITCH ON AT ZERO CROSSOVER VOLTAGE. DESIGNED FOR PRINTED CIRCUITS.

CROSS REFERENCES	
GORDOS GB18 SERIES	GRAYHILL 70S2 SERIES
FRARDIAN 155 SERIES	OPTO 22 PC SERIES

STOCK NO.	PRICE EACH			
	1	10	25	50
ME433-SK541100	17.47	15.88	14.44	CALL FOR QUOTE

## MOUSER® MINIATURE SOLID STATE RELAYS



### SPECIFICATIONS

#### • HORIZONTAL PC MOUNT

OUTPUT		MEASURES	TEST CONDITIONS	INPUT	
PERMANENT CURRENT MAX.	OVERLOAD CURRENT	3A 30A	20°C 10ms	INPUT RESISTANCE	1.5kΩ
HOLDING CURRENT	dv/dt	≤5ma 50V/us	25°C	NOMINAL OPERATING VOLTAGE	3-30V
INPUT/OUTPUT ISOLATION	LINE VOLTAGE	2500 VAC +20V	SWITCH IN OFF STATE	PICKUP VOLTAGE	3V
LEAKAGE CURRENT		≤3ma		RELEASE VOLTAGE	1V
				INPUT CURRENT	≤5ma

CROSS REFERENCES	
E1 & S PC SERIES	GORDOS GA SERIES
	GUARDIAN SERIES

STOCK NO.	PRICE EACH			
	1	10	25	50
ME433-SN541000	17.47	15.88	14.44	11.54

CONVENIENT "SCHEDULED DELIVERIES"



# Solid State Relays

## MOUSER® SOLID STATE RELAYS

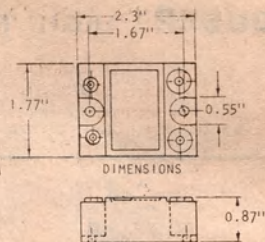
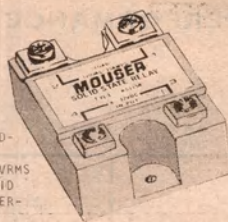
### FEATURES

- HIGH SURGE CURRENT HANDLING CAPABILITY
- ZERO VOLTAGE TURN-ON AND ZERO CURRENT TURN-OFF
- ELECTRICALLY ISOLATED MOUNTING PLATE
- NO CONTACT BOUNCE-NO SWITCHING TRANSIENTS REFLECTED BACK TO CONTROL CIRCUITRY-ELIMINATES NOISE.

### SPECIFICATIONS

- DIELECTRIC STRENGTH: 2.5KV(MIN.)
- CONTROL VOLTAGE: 4-32VDC
- CONTROL CURRENT: 13mA(MAX.)
- PICK UP VOLTAGE: 4VDC
- RELEASE VOLTAGE: 1VDC

THESE SOLID STATE RELAYS FEATURE SOLID, RUGGED CONSTRUCTION, COMPLETELY EPOXY MOLDED. INPUT/OUTPUT ISOLATION IS BY PHOTO COUPLER, WHICH PROVIDES A MINIMUM OF 2500VRMS DIELECTRIC STRENGTH. THE ADVANTAGES OF SOLID STATE SWITCHING ARE: MINIMAL RADIATED INTERFERENCE AND CONDUCTED INTERFERENCE DUE TO MINIMIZED DI/DT.



## MOUSER® SOLID STATE RELAYS

- UL LISTED (FILE #E69913)
- EPOXY MOLDED

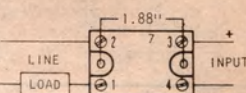
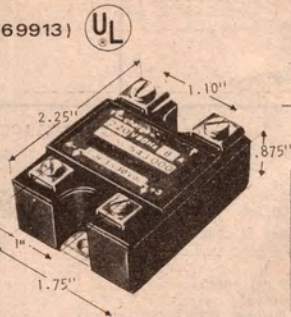
### FEATURES

- HIGH SURGE CURRENT HANDLING CAPABILITY
- ZERO VOLTAGE TURN-ON AND ZERO CURRENT TURN-OFF
- ELECTRICALLY ISOLATED MOUNTING PLATE
- NO CONTACT BOUNCE-NO SWITCHING TRANSIENTS REFLECTED BACK TO CONTROL CIRCUITRY-ELIMINATES NOISE.

### SPECIFICATIONS

- OPERATING VOLTAGE: 24 TO 280VAC
- CONTROL VOLTAGE: 3-30VDC
- PICK UP VOLTAGE: 3
- RELEASE VOLTAGE: 0.8
- TYPICAL CONTROL CURRENT: 5mA

THESE SOLID STATE RELAYS ARE OPTICALLY COUPLED BETWEEN CONTROL AND LOAD CIRCUITS WHICH PROVIDES A MINIMUM OF 2500 VRMS INPUT/OUTPUT ISOLATION. SYNCHRONOUS ZERO VOLTAGE TURN-ON AND ZERO CURRENT TURN-OFF MINIMIZE SWITCHING TRANSIENTS AND EMI. IMPROVED CIRCUIT DESIGN AND BUILT IN SNUBBER PROTECTION GUARANTEE HIGH IMMUNITY FROM FALSE TRIGGERING AND RELIABLE SWITCHING OF LOW POWER FACTOR LOADS. CONSTANT CURRENT INPUT CIRCUITRY REDUCES EXCESSIVE POWER DISSIPATION AT HIGHER INPUT VOLTAGE LEVELS.



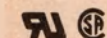
### CROSS REFERENCES

OPTO POWER SERIES MODEL 1200'S  
DOUGLAS RANDALL SERIES K  
GORDOS GA SERIES  
ALLIED SERIES E-6  
GUARDIAN GSR SERIES  
RANCO RP SERIES

STOCK NO.	OPERATING VOLTAGE	CURRENT RATING	SURGE CURRENT	PRICE EACH			
				1	5	10	25
ME431-2100	12-140	10A	100A	21.84	20.69	19.99	CALL FOR QUOTE



## HYBRID SOLID STATE RELAYS



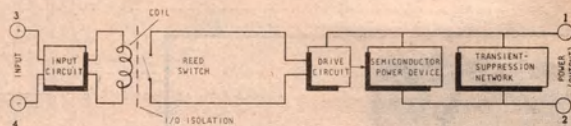
### FEATURES

- DESIGNED TO MEET VDE STANDARDS
- 1 MSEC TURN-ON - IDEAL FOR INDUCTIVE LOADS
- HIGH SURGE CURRENT CAPABILITY
- OUTPUT TRANSIENT PROTECTION

### SPECIFICATIONS

- DIELECTRIC STRENGTH: 3.75 KV
- NOMINAL COIL VOLTAGE: 12VDC
- TYPICAL COIL CURRENT: 18mA @ 12VDC
- PICK UP VOLTAGE: 10
- RELEASE VOLTAGE: 1

- UL RECOGNIZED (FILE #E96985/96986)
- CSA CERTIFIED (FILE #LR23344)



TERMINALS ARE 1/4" QUICK-CONNECT, REQUIRING NO SOLDERING.

STOCK NO.	AC VOLTS	CURRENT RATING	SURGE CURRENT	PRICE EACH			
				1	10	50	100
519-RE120D15	120	15A	150A	11.20	10.47	9.99	CALL FOR QUOTE
519-RE240D15	240	15A	150A	11.53	10.78	10.28	FOR QUOTE
519-RE240D30	240	30	250A	12.68	11.92	11.42	



## SOLID STATE RELAYS

### OPTICALLY ISOLATED ZERO CROSSOVER

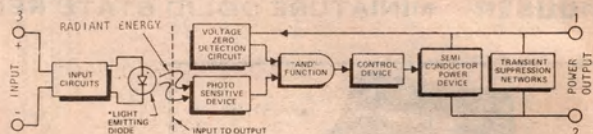
### FEATURES

- EXCLUSIVE-INDUSTRY'S ONLY SHIELDED OPTO-ISOLATOR INCREASES WITHSTAND LEVEL OF COMMON-MODE VOLTAGE
- EXCLUSIVE-INDUSTRY'S ONLY TWO-STAGE TRIMMING OF INPUT VOLTAGE AND SCR SENSITIVITY FOR IMPROVED PERFORMANCE
- INDUSTRY'S LOWEST ZERO SYNCHRONOUS TURN-ON MINIMIZES RFI AND SURGE CURRENTS
- INDUSTRY'S LARGEST HEAT SINK OFFERS BETTER RELIABILITY DUE TO SUPERIOR HEAT DISSIPATION
- HAS ANTI-ROTATION CLIPS FOR ELECTRICAL HOOK-UP

### SPECIFICATIONS

- DIELECTRIC STRENGTH: 4KV(MIN)
- CONTROL VOLTS: 3 TO 32VDC
- TYPICAL CONTROL CURRENT: 5mA @ 5VDC
- RELEASE VOLTAGE: 1VDC
- STORAGE TEMP: -40°C TO +100°C

- UL RECOGNIZED (FILE #E 96985/ 96986)
- CSA CERTIFIED (FILE # LR23344)



### INTERNAL FUNCTIONAL BLOCK DIAGRAM

STOCK NO.	OPERATING VOLTAGE	CURRENT RATING	SURGE CURRENT	PRICE EACH			
				1	10	50	100
519-RP120D03	24-140	3A	25A	13.22	12.14	11.22	CALL FOR QUOTE
519-RP120D05	24-140	5A	55A	15.52	14.28	12.90	
519-RP120D10	24-140	10A	110A	19.08	17.47	15.78	
519-RP120D25	24-140	25A	250A	19.91	18.24	16.46	
519-RP240D03	40-280	3A	25A	14.52	13.60	12.08	
519-RP240D05	40-280	5A	55A	15.80	14.52	13.14	
519-RP240D10	40-280	10A	110A	19.32	17.71	16.44	
519-RP240D25	40-280	25A	250A	20.15	18.79	16.89	



# Spacers, Bumpers, Hole Plugs & Washers

## PVDC SPACERS & STANDOFFS

- HIGH TEMPERATURE RESISTANT
- HIGH DIELECTRIC STRENGTH
- SELF EXTINGUISHING

THESE SPACERS ARE IDEAL FOR USE IN SPACING CHASSIS, SUB-PANELS, TRANSFORMERS, ELECTRONIC AND MECHANICAL PARTS.

### ROUND



ROUND SPACERS ARE DRILLED FOR CLEARANCE OF SCREW SIZES SHOWN IN TABLE

MINIMUM ORDER: 2 PIECES  
5000 PIECES OR MORE CALL FOR QUOTE

STOCK NO.	LONG	SCREW SIZE	PRICE EACH		
			2	100	1000
1/4" O.D. ROUND PVDC SERIES					
558-SS043	3/8"	4	.14	.068	.061
558-SS062	1/4"	6	.13	.063	.049
558-SS063	3/8"	6	.14	.068	.052
558-SS064	1/2"	6	.14	.070	.054
558-SS082	1/4"	8	.13	.063	.057
558-SS083	3/8"	8	.14	.068	.053
558-SS084	1/2"	8	.14	.070	.063

## BRASS SPACERS

### 1/4" O.D. ROUND UNTHREADED

DRILLED FOR CLEARANCE OF SCREW SIZES SHOWN IN TABLE



ZINC PLATED

MINIMUM ORDER: 2 PIECES

1000 PIECES OR MORE CALL FOR QUOTE

STOCK NO.	LONG	SCREW SIZE	PRICE EACH		
			2	100	500
534-1454A	1/4"	4	.12	.058	.052
534-1454C	1/2"	4	.15	.077	.069
534-1457A	1/4"	6	.12	.058	.052
534-1457B	3/8"	6	.13	.065	.059
534-1457C	1/2"	6	.15	.077	.069
534-1480	1/4"	8	.12	.058	.052
534-1481	3/8"	8	.13	.065	.059

### 1/4" O.D. HEX THREADED

FOR SCREW SIZES SHOWN IN TABLE  
ZINC PLATED

1000 PIECES OR MORE CALL FOR QUOTE

STOCK NO.	SCREW SIZE	LONG	PRICE EACH		
			1	100	500
534-1450A	4/40	1/4"	.14	.086	.077
534-1450B	4/40	3/8"	.16	.10	.09
534-1450C	4/40	1/2"	.20	.13	.11
534-1829	4/40	5/8"	.27	.17	.16
534-1451A	6/32	1/4"	.14	.086	.077
534-1451B	6/32	3/8"	.16	.10	.09
534-1451C	6/32	1/2"	.16	.10	.09
534-1451D	6/32	5/8"	.27	.17	.16
534-1451E	6/32	3/4"	.32	.20	.18
534-1474A	8/32	1/4"	.14	.097	.09
534-1474B	8/32	3/8"	.16	.10	.09
534-1474C	8/32	1/2"	.20	.13	.11
534-1834	8/32	5/8"	.27	.17	.16
534-1474D	8/32	3/4"	.32	.20	.19
534-1474E	8/32	1"	.32	.20	.18

## ALUMINUM SPACERS

FOR NO. 4, 6, OR 8 SCREWS

USE FOR **HEAT TRANSFER** REQUIREMENTS



- PRECISION FORMED
- NO BURRS

MADE OF FLAT STRIP ALUMINUM AND ROLLED ON PRECISION EQUIPMENT TO ASSURE MAXIMUM BEARING SURFACE, SQUARE ENDS.

TIGHT JOINT ON OUTSIDE DIAMETER: ALUMINUM  
PER 5052-H34  
PER QQ318c

SPACER FOR	I.D. Plus Minus .005	O.D. Plus Minus .007
#4	.125	.167
#6	.151	.193
#8	.178	.232

1000 PIECES OR MORE CALL FOR QUOTE

STOCK NO.	LONG	SCREW SIZE	PRICE EACH		
			5	100	500
534-397	3/16"	4	.06	.028	.025
534-398	1/4"	4	.06	.030	.027
534-399	5/16"	4	.06	.030	.027
534-400	3/8"	4	.06	.031	.027
534-402	1/2"	4	.07	.033	.030
534-403	5/8"	4	.07	.034	.031
534-418	3/4"	4	.07	.037	.033
534-405	1/4"	6	.06	.031	.027
534-406	5/16"	6	.07	.033	.030
534-407	3/8"	6	.07	.034	.031
534-409	1/2"	6	.08	.038	.034
534-425	3/4"	6	.08	.040	.036
534-412	1/4"	8	.08	.041	.036
534-414	3/8"	8	.08	.042	.037
534-416	1/2"	8	.09	.045	.040
534-417	5/8"	8	.09	.046	.041
534-432	3/4"	8	.09	.046	.041

## HEX MALE/FEMALE THREADED SPACERS

- BRASS NICKEL PLATED



### FEATURES

- HIGH TEMPERATURE RESISTANCE
- HIGH DIELECTRIC STRENGTH

### USE FOR SPACING

- D-SUB CONNECTORS
- PC BOARD CHASSIS
- SUB-PANELS TRANSFORMERS
- ELECTRONIC & MECHANICAL PARTS

5000 PIECES OR MORE CALL FOR QUOTE

STOCK NO.	LENGTH	PRICE EACH		
		1	100	1000
534-1944	1/2"	.28	.23	.22
534-1945	5/8"	.29	.24	.22
534-1946	3/4"	.32	.24	.23
534-1947	1"	.33	.25	.24

## POLYURETHANE BUMPERS

### TYPICAL APPLICATIONS

- ELECTRONICS
- APPLIANCES
- CABINETS
- DESKTOP EQUIPMENT
- COMPUTERS
- PERIPHERALS
- PICTURE FRAMES
- HOUSEWARES

### SELF-STICK

- SKID AND SCRATCH RESISTANT
- WILL NOT DAMAGE ANY SURFACE
- NO HOLES TO DRILL
- NO SCREWS OR RIVETS



STOCK NO.	FIG.	HEIGHT	DIA.	PRICE EACH			
				2	56	3000	5000
517-SJ-5003	1	13/64"	7/16"	.09	.05	.026	.026
517-SJ-5012	2	9/64"	1/2"	.10	.05	.024	.024

MINIMUM ORDER: 2 PIECES

STOCK NO.	FIG.	HEIGHT	DIA.	PRICE EACH			
				2	24	1000	5000
517-SJ-5008	3	1/8"	1/2"	.09	.04	.022	CALL FOR QUOTE
517-SJ-5009	4	3/8"	7/8"	.23	.15	.10	CALL FOR QUOTE
517-SJ-5018	5	7/32"	1/2"	.15	.07	.038	CALL FOR QUOTE
517-SJ-5023	6	5/16"	3/4"	.18	.11	.056	CALL FOR QUOTE
517-SJ-5514	7	33/64"	13/16"	.25	.19	.15	CALL FOR QUOTE

MINIMUM ORDER: 2 PIECES

STOCK NO.	FIG.	HEIGHT	DIA.	PRICE EACH			
				2	40	1000	5000
517-SJ-5017	8	3/8"	3/4"	.20	.14	.075	CALL FOR QUOTE
517-SJ-5027	9	5/16"	5/8"	.19	.11	.060	CALL FOR QUOTE

STOCK NO.	FIG.	HEIGHT	DIA.	PRICE PER 50' ROLL			
				1	5	10	25
517-SJ-5510	10	5/32"	1/2"	31.92	29.93	28.93	CALL FOR QUOTE

## SELF ADHESIVE POLYURETHANE BUMPERS



MINIMUM ORDER: 5 PIECES

STOCK NO.	DESCRIPTION	SIZE		PRICE EACH			
		HEIGHT	DIA/SQ.	5	20	1000	5000
ME518-9905	CLEAR SQUARE	.20	.45	.06	.05	.04	CALL FOR QUOTE

## RUBBER BUMPERS



MINIMUM ORDER: 5 PIECES

STOCK NO.	FIG.	DIMENSIONS (IN.)			PRICE EACH			
		A	B	C	5	100	1000	10000
522-202	1	5/16	1/4	7/16	.04	.029	.027	CALL FOR QUOTE
565-2192	2	1/4	1/2	1/4	.12	.059	.044	CALL FOR QUOTE
565-2193	2	1/4	5/8	5/16	.28	.14	.11	CALL FOR QUOTE
565-2194	2	9/32	3/4	3/8	.24	.12	.09	CALL FOR QUOTE
565-2184	2	9/32	5/8	9/32	.24	.12	.088	CALL FOR QUOTE
565-2135	3	3/8	31/32	3/8	.34	.17	.13	CALL FOR QUOTE

MOLDED-IN  
METAL WASHER

## VINYL CABINET BUMPERS

**CABINET FEET:** WITH BRASS INSERT TO ABSORB SCREW LOAD, ABRASIVE RESISTANT: WILL NOT CRACK. RANGE OF USE -100 F TO +300 F. BETTER THAN RUBBER. SHOCK ABSORBING, ODORLESS, NON-MARKING.

MINIMUM ORDER: 2 PIECES

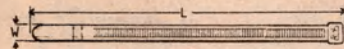
STOCK NO.	O.D.	HT.	SCREW SIZE	PRICE EACH			
				2	100	500	1000
505-F4B	9/16"	3/8"	4	.20	.11	.10	CALL FOR QUOTE
505-F6B	3/4"	7/16"	6	.28	.15	.13	CALL FOR QUOTE
505-F8B	15/16"	5/8"	8	.36	.20	.18	CALL FOR QUOTE

ORDER BY PHONE, FAX, TELEX, OR MAIL



# Cable Ties & PCB Hardware

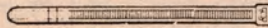
## MOUSER® NYLON CABLE TIES



SELF-EXTINGUISHING, CHEMICAL RESISTANT, NATURAL NYLON COLOR  
ALL NYLON, FUNGUS INERT, COMPATIBLE WITH STANDARD INSTALLATION TOOLS

STOCK NO.	MAX BUNDLE DIA	L (IN)	W (IN)	T (IN)	MIN. TENSILE STRENGTH	MINIMUM ORDER = 10 PIECES			
						10	100	1000	10000
48NT100	7/8"	3.93	.10	.04	17.5 LBS	.03	.016	.015	CALL FOR QUOTE
48NT150	1 1/4"	5.9	.15	.05	33 LBS	.05	.03	.029	FOR QUOTE
48NT200	1 3/4"	7.78	.18	.05	37 LBS	.07	.046	.042	FOR QUOTE

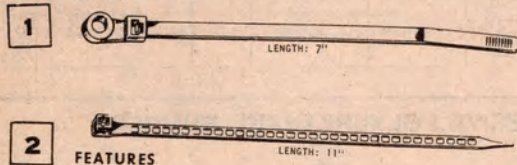
## NYLON CABLE TIES



STOCK NO.	BUNDLE DIA MIN. MAX.	DIAMETER (IN)			MIN. TENSILE STRENGTH	MINIMUM ORDER = 5 PIECES			
		L	W	T		5	100	1000	10000
528-3500	1/16"	3/4"	3.75	.095	.045	18 LBS	.06	.04	.018
528-3510	1/16"	1-1/16"	5.06	.015	.045	30 LBS	.07	.043	.03
528-3515	1/16"	1-3/8"	6.06	.015	.050	30 LBS	.07	.043	.031
528-3520	1/16"	1-3/4"	7.50	.19	.055	50 LBS	.09	.052	.038
528-3525	1/16"	3-1/16"	11.50	.19	.055	50 LBS	.17	.12	.086
528-3530	1/16"	4"	14.50	.19	.055	50 LBS	.20	.14	.094

## SCREWMOUNT CABLE TIES NYLON LADDER TIES

MOUNTING HOLE FOR NO. 10 SIZE SCREW



- CHEMICAL RESISTANT
- NATURAL NYLON COLOR
- UL RECOGNIZED - FILE NO. E57800
- MIN. TENSILE STRENGTH: 40LBS.

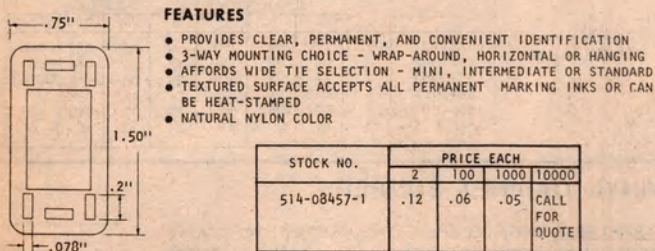
- ALL NYLON
- FUNGUS INERT
- SELF-EXTINGUISHING
- COMPATIBLE WITH STANDARD INSTALLATION TOOLS

MINIMUM ORDER = 5 PIECES

STOCK NO.	FIG.	TENSIL STRENGTH	WEIGHT	BUNDLE DIAMETER		PRICE EACH				
				MIN.	MAX.	5	10	100	500	
<b>SCREWMOUNT CABLE TIES</b>										
514-08484-1	1	50 GR.	1.51 LBS	1-1/16"	1-3/4"	.14	.09	.06	CALL FOR QUOTE	
<b>NYLON LADDER TIES</b>										
514-08476-1	2	40 GR.	.51 LBS.	---	1-3/4"	.05	.025	.02		
514-08477-1	2	40 GR.	.72 LBS.	---	3"	.12	.06	.04		

## CABLE TIE IDENTIFICATION PLATE

FOR CONVENIENT TAGGING OF WIRE BUNDLES & CABLES



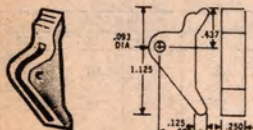
### FEATURES

- PROVIDES CLEAR, PERMANENT, AND CONVENIENT IDENTIFICATION
- 3-WAY MOUNTING CHOICE - WRAP-AROUND, HORIZONTAL OR HANGING
- AFFORDS WIDE TIE SELECTION - MINI, INTERMEDIATE OR STANDARD
- TEXTURED SURFACE ACCEPTS ALL PERMANENT MARKING INKS OR CAN BE HEAT-STAMPED
- NATURAL NYLON COLOR

STOCK NO.	PRICE EACH			
	2	100	1000	10000
514-08457-1	.12	.06	.05	CALL FOR QUOTE

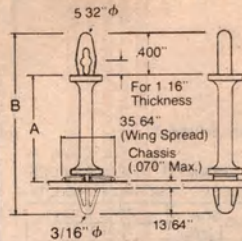
## CARD EJECTOR

- PIN IS SUPPLIED
- FOR USE WITH CARDS UP TO 1/16"



STOCK NO.	PRICE EACH			
	10	100	500	1000
565-6297	.71	.57	.47	CALL FOR QUOTE

## NYLON SPACER SUPPORTS



- FIRE RETARDANT NYLON
- FLEXIBLE
- EASY PCB MOUNTING

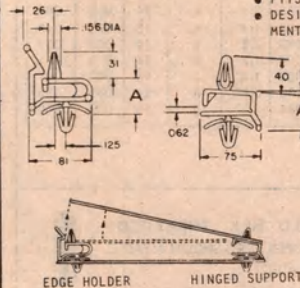
- \*A SPACING
- \*B OVERALL

MINIMUM ORDER = 3 PIECES

STOCK NO.	DIMENSIONS (IN)		PRICE EACH			
	#A	#B	3	100	1000	2000
528-3655	3/16	7/8	.11	.07	.033	CALL FOR QUOTE
528-3656	1/4	15/16	.12	.075	.035	FOR QUOTE
528-3657	3/8	1-1/16	.12	.079	.037	FOR QUOTE
528-3659	1/2	1-3/16	.12	.083	.039	FOR QUOTE
528-3660	5/8	1-5/16	.12	.09	.042	FOR QUOTE

## PC BOARD SUPPORTS

- FITS .187" DIA CHASSIS HOLE & .156" DIA PCB HOLE.
- DESIGNED FOR EASY BOARD ACCESS, REPAIR OR REPLACEMENT.



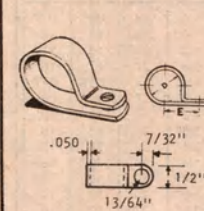
### EDGE HOLDER

STOCK NO.	DIM A	PRICE EACH			
		1	100	500	1000
565-3943	7/16"	.20	.16	.14	CALL FOR QUOTE
565-3944	5/8"	.23	.18	.16	FOR QUOTE
565-3945	7/8"	.25	.20	.17	FOR QUOTE

### HINGED SUPPORT

STOCK NO.	DIM A	PRICE EACH			
		1	100	500	1000
565-3940	7/16"	.19	.15	.13	CALL FOR QUOTE
565-3941	5/8"	.21	.17	.15	FOR QUOTE
565-3942	7/8"	.24	.19	.17	FOR QUOTE

## CABLE CLAMPS MOLDED POLYPROPYLENE



STOCK NO.	DIMENSIONS		PRICE EACH			
	D	E	10	100	500	1000
565-8910	1/8"	.360"	.04	.028	.026	CALL FOR QUOTE
565-8911	3/16"	.423"	.04	.032	.030	FOR QUOTE
565-8912	1/4"	.457"	.04	.034	.031	FOR QUOTE
565-8913	5/16"	.498"	.04	.035	.033	FOR QUOTE
565-8914	3/8"	.529"	.05	.038	.035	FOR QUOTE
565-8916	1/2"	.529"	.05	.41	.038	FOR QUOTE
565-8918	5/8"	.654"	.06	.045	.041	FOR QUOTE
565-8920	3/4"	.783"	.06	.040	.044	FOR QUOTE
565-8921	7/8"	.845"	.06	.055	.051	FOR QUOTE
565-8922	1.0"	.908"	.07	.054	.05	FOR QUOTE

## CABLE TIE MOUNTING PLATFORM

### FEATURES

- NYLON MATERIAL
- ADHESIVE BACKED



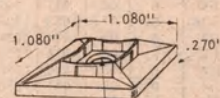
STOCK NO.	PRICE EACH			
	1	100	500	2000
528-3590	.28	.20	.145	CALL FOR QUOTE

## TIE MOUNTING PLATFORM

### FEATURES

- ALL NYLON
- FUNGUS INERT
- SELF EXTINGUISHING

- CHEMICAL RESISTANT
- NATURAL NYLON COLOR
- SUPER STRENGTH ADHESIVE BACKING
- MULTI-DIRECTIONAL MOUNTING



STOCK NO.	PRICE EACH			
	1	100	500	2000
514-08462-1	.23	.16	.13	CALL FOR QUOTE

## CABLE TIE MOUNTS

### CRADLE, ANCHOR BASE, & PUSH-IN MOUNTS



### FEATURES

- LOW HEIGHT ACCOMMODATES MINIMAL SPACE LIMITATIONS
- CABLE TIE SLIPS THROUGH SLOT EASILY & IS SECURELY CONTAINED FOR EASY ASSEMBLY & TENSIONING
- ACCOMMODATES STANDARD & HEAVY DUTY TIES
- CONSTRUCTED OF DURABLE, HIGH TENSILE TYPE 6 NYLON

STOCK NO.	FIG.	SCREW SIZE	TYPE OF MOUNT	TIE SIZE	PRICE EACH			
					2	100	500	1000
514-10045-1	1	#8	CRADLE	STANDARD	.12	.06	.05	CALL FOR QUOTE
514-10046-1	2	#10	CRADLE	HVY DUTY	.12	.08	.07	FOR QUOTE
514-10027-1	3	#8	ANCHOR BASE	STANDARD	.12	.05	.04	FOR QUOTE
514-10028-1	4	#10	ANCHOR BASE	HVY DUTY	.12	.05	.04	FOR QUOTE
514-10056-1	5	---	PUSH-IN	STANDARD	.12	.06	.05	FOR QUOTE

\*PUSH-IN MOUNT REQUIRES .250" HOLE



# Washers, Strain Relief, Hole & Vent Plugs

## ELECTRONIC HARDWARE ASSORTMENT KITS

### METRIC HARDWARE

2 MM, 2.6 MM, 3 MM, 4 MM

STOCK NO.	PRICE EACH
524-11-528	28.34

ORDERING 10 OR MORE KITS  
CALL FOR QUOTE



#### CONTAINS:

- 240 NICKEL PLATED STEEL MACHINE SCREWS
- 100 NICKEL PLATED STEEL NUTS
- 60 NICKEL PLATED STEEL FLAT WASHERS
- 100 NICKEL PLATED STEEL SPRING LOCK WASHERS
- 60 STEEL E-RINGS

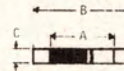


## FIBRE WASHERS



COMMERCIAL VULCANIZED FIBRE  
PER MIL-F-1148A, GRADE CH

### FLAT WASHERS



STOCK NO.	SCREW SIZE	DIMENSIONS			PRICE EACH			
		A	B	C	10	100	1000	10000
534-3368	4	.115"	.250"	1/16"	.03	.02	.010	CALL FOR QUOTE
534-3201	6	.141"	.375"	1/16"	.03	.02	.010	
534-3372	8	.169"	.375"	1/16"	.03	.02	.010	
534-3208	10	.196"	.375"	1/16"	.03	.02	.010	
534-3373	1/4"	.253"	.500"	1/16"	.03	.02	.015	
534-3222	3/8"	.385"	.625"	1/16"	.03	.02	.015	

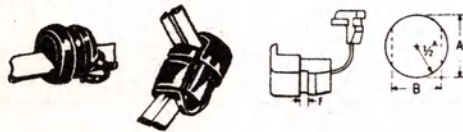
### SHOULDER WASHERS



STOCK NO.	SCREW SIZE	DIMENSIONS					PRICE EACH			
		A	B	C	D	E	10	100	1000	10000
534-3062	4	.115"	.250"	.062"	.031"	.187"	.06	.032	.019	CALL FOR QUOTE
534-3233	6	.141"	.375"	.093"	.031"	.240"	.06	.032	.028	
534-3065	8	.176"	.375"	.093"	.031"	.246"	.06	.032	.019	
534-4702	10	.194"	.375"	.093"	.031"	.308"	.06	.032	.019	
534-4711	1/4"	.253"	.500"	.093"	.031"	.308"	.06	.032	.021	
534-3069	3/8"	.385"	.625"	.093"	.031"	.498"	.06	.032	.027	

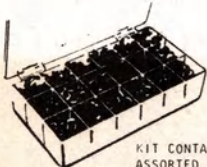
## NYLON STRAIN RELIEF BUSHINGS

MINIMUM ORDER = 5 PIECES



STOCK NO.	WILL FIT THESE WIRES		CHASSIS HOLES			PRICE EACH			
	TYPE	GAUGE	A	B	F	5	100	500	2000
<b>STRAIGHT</b>									
528-1017	CLOCK WIRE/SPT-1	20/2, 18/2	.375"	.345"	.062"	.04	.025	.021	CALL FOR QUOTE
528-1077	SPT-1	18/2	.437"	.390"	.062"	.06	.031	.025	
528-1117	SPT-1, SPT-2 + HPN	18/3, 18/2	.500"	.465"	.100"	.08	.04	.032	
528-1147	SV & SVT, HPD	18/2, 18/3, 16/2, 18/2	.500"	.450"	.100"	.08	.04	.032	
528-1207	SJ, SJT & SJO	16/2, 18/3, 14/2, 16/3, 18/4	.625"	.550"	.125"	.13	.068	.053	
<b>RIGHT ANGLE</b>									
528-1364	SPT-2+HPN, SPT-1	18/2, 16/2, 18/3	.500"	.450"	.100"	.10	.07	.05	

## STRAIN RELIEF ASSORTMENT



KIT CONTAINS 180  
ASSORTED PIECES IN 18  
POPULAR SIZES.

STOCK NO.	PRICE EACH			
	1	5	10	25
528-1999	17.60	16.50	15.95	CALL FOR QUOTE

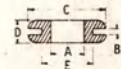
## STRAIN RELIEF ASSEMBLY TOOL



- ADJUSTABLE TO ALL SIZES.

STOCK NO.	PRICE EACH			
	1	5	10	25
528-0022	34.99	32.99	31.89	CALL FOR QUOTE

## RUBBER GROMMETS



DESIGNED FOR INSULATING SHARP EDGED HOLES TO PROTECT  
ELECTRICAL CABLES AND TUBING.

MINIMUM ORDER = 10 PIECES

STOCK NO.	DIMENSIONS					PRICE EACH			
	A	B	C	D	E	10	1000	2500	5000
522-208	9/32"	1/16"	9/16"	1/4"	3/8"	.06	.029	.027	CALL FOR QUOTE
522-211	3/16"	1/16"	7/16"	1/4"	5/16"	.06	.030	.028	
522-159	1/4"	1/16"	5/8"	3/8"	7/16"	.07	.037	.034	
522-210	3/8"	1/16"	5/8"	1/4"	1/2"	.07	.033	.029	

## FIBRE WASHER KIT



KIT CONTAINS 9 SIZES EACH OF FLAT AND SHOULDER  
WASHERS IN SIZES FROM .115" I.D. THROUGH .385"  
I.D. PACKAGED IN 18-COMPARTMENT PLASTIC BOX FOR  
EASY SELECTION.

1000 PIECES

STOCK NO.	PRICE EACH			
	1	10	50	100
565-2173	48.73	41.70	38.78	CALL FOR QUOTE

## NYLON HOLE & VENT PLUGS



HOLE PLUG



VENT PLUG

EXCEPT FOR THE  
PERFORATIONS, THE  
VENT PLUG IS THE  
SAME AS THE HOLE  
PLUG



DOMED HEAD TAPERS  
TO FEATHER EDGE AT  
ITS CIRCUMFERENCE

MINIMUM ORDER = 5 PIECES

STOCK NO.	MTG. HOLE DIA.	PLUG HEAD DIA.	PRICE EACH			
			5	100	500	2000
<b>HOLE PLUGS</b>	1/16"	MAXIMUM	CHASSIS THICKNESS			
528-2603	.250"	5/16"	.07	.035	.023	CALL FOR QUOTE
528-2617	.375"	15/32"	.05	.027	.021	
528-2643	.500"	37/64"	.06	.033	.026	
528-2663	.625"	23/32"	.09	.055	.03	
528-2683	.750"	59/64"	.12	.058	.039	
528-2703	.875"	1-1/64"	.13	.069	.045	
528-2713	1.000"	1-13/64"	.14	.072	.051	
<b>VENT PLUGS</b>	1/16"	MAXIMUM	CHASSIS THICKNESS			
528-2707	1.000"	1-13/64"	.13	.07	.055	

## METAL HOLE PLUGS



NICKEL PLATED STEEL.  
SPRING TENSION PRONGS.

MINIMUM ORDER = 2 PIECES

STOCK NO.	HOLE SIZE	PLUG O.D.	PRICE EACH			
			2	100	1000	5000
565-650	1/4"	13/32"	.18	.12	.11	CALL FOR QUOTE
565-651	5/16"	7/16"	.18	.12	.11	
565-652	3/8"	1/2"	.18	.12	.11	
565-653	1/2"	21/32"	.20	.13	.097	
565-654	5/8"	13/16"	.24	.16	.14	
565-608	7/8"	1-1/16"	.26	.18	.16	
565-612	1"	1-9/64"	.33	.24	.20	

"WE STOCK"



# Metal Hardware

## NUTS AND WASHERS

### VOLUME CONTROL NUTS



**STANDARD HEX NUT**  
STEEL, CADMIUM PLATED

SOLD PER PKG  
OF 100 ONLY

PRICE PER PACKAGE OF 100

STOCK NO.	SIZE	O.D.	1	10	50
565-1199	3/8-32	1/2"	6.24	4.81	CALL FOR QUOTE

### KNURLED NUT

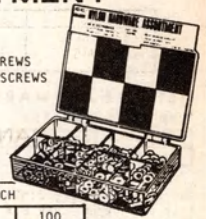


BRASS, NICKEL PLATED  
MINIMUM ORDER: 10 PIECES

STOCK NO.	SIZE	O.D.	PRICE EACH			
			10	100	1000	5000
565-1120	3/8-32	1/2"	.16	.13	.12	CALL FOR QUOTE

### NYLON HARDWARE ASSORTMENT

- 20 ROUND HEAD MACHINE SCREWS
- 20 BINDING HEAD MACHINE SCREWS
- 40 HEX NUTS
- 40 WASHERS



STOCK NO.	PRICE EACH		
	1	10	100
524-11-516	7.42	6.18	CALL FOR QUOTE

### COUNTERSUNK WASHERS FOR USE WITH FLAT HEAD SCREWS



NICKEL PLATED

SOLD PER PKG  
OF 100 ONLY.

PRICE PER PACKAGE OF 100

STOCK NO.	SIZE	1	10	50
565-1115	6	5.26	4.32	CALL FOR QUOTE
565-1117	10	6.18	5.09	CALL FOR QUOTE

### LOCK WASHERS INTERNAL-TOOTH



STEEL,  
CADMIUM PLATED

SOLD PER PKG  
OF 100 ONLY

PRICE PER PACKAGE OF 100

STOCK NO.	SIZE	O.D.	1	10	50
565-1128	6	9/32"	2.39	1.84	CALL FOR QUOTE
565-1129	8	11/32"	2.39	1.84	CALL FOR QUOTE
565-1130	10	3/8"	2.39	1.84	CALL FOR QUOTE

### FLAT WASHERS



STEEL  
CADMIUM PLATED

SOLD PER PKG  
OF 100 ONLY

PRICE PER PACKAGE OF 100

STOCK NO.	SIZE	O.D.	1	10	50
565-1149/100	4	3/8"	2.75	2.12	CALL FOR QUOTE
565-1150	6	3/8"	2.75	2.12	CALL FOR QUOTE
565-1151	8	3/8"	2.75	2.12	CALL FOR QUOTE
565-1152	10	3/8"	2.75	2.12	CALL FOR QUOTE
565-1148	3/8	5/8"	4.58	3.53	CALL FOR QUOTE

### CABLE CLAMPS

FOR CABLE AND SPEAKERS



STEEL, CADMIUM PLATED  
WITH NO. 8 MOUNTING HOLE

STOCK NO.	LONGxWIDE	PRICE EACH			
		10	100	1000	5000
565-1471	5/8"x3/8"	.100	.068	.060	CALL FOR QUOTE
565-1470	3/4"x3/8"	.080	.059	.053	CALL FOR QUOTE
565-1472	1"x3/8"	.110	.076	.068	CALL FOR QUOTE

### FAHNESTOCK CLIPS



BATTERY CLIPS

- NICKEL PLATED, SPRING BRASS

STOCK NO.	MTG.	WIDExLONG	PRICE EACH			
			10	100	1000	5000
565-533	6	5/16"x3/4"	.13	.075	.06	CALL FOR QUOTE
565-534	8	3/8"x 1"	.20	.14	.12	CALL FOR QUOTE

### ALUMINUM SPACERS

USE FOR HEAT-TRANSFER REQUIREMENTS



FOR No. 4, 6 OR 8 SCREWS

MADE OF FLAT STRIP ALUMINUM AND ROLLED ON PRECISION EQUIPMENT TO ASSURE MAXIMUM BEARING SURFACE, SQUARE ENDS.  
MINIMUM ORDER: 5 PIECES

SPACER FOR	1/8" Minus .005	5/16" Minus .007
=4	.125	.167
=6	.151	.193
=8	.178	.232

• PRECISION FORMED • NO BURRS

TIGHT JOINT ON OUTSIDE DIAMETER

ALUMINUM:

per 5052-H34 per QQ318C

STOCK NO.	SCREW SIZE	LONG	PRICE EACH			
			5	100	500	1000
534-397	4	3/16"	.06	.028	.025	CALL FOR QUOTE
534-398	4	1/4"	.06	.03	.027	CALL FOR QUOTE
534-399	4	5/16"	.06	.03	.027	CALL FOR QUOTE
534-400	4	3/8"	.06	.031	.027	CALL FOR QUOTE
534-402	4	1/2"	.07	.033	.03	CALL FOR QUOTE
534-403	4	5/8"	.07	.034	.031	CALL FOR QUOTE
534-418	4	3/4"	.07	.037	.033	CALL FOR QUOTE
534-405	6	1/4"	.06	.031	.027	CALL FOR QUOTE
534-406	6	5/16"	.07	.033	.03	CALL FOR QUOTE
534-407	6	3/8"	.07	.034	.031	CALL FOR QUOTE
534-409	6	1/2"	.08	.038	.034	CALL FOR QUOTE
534-425	6	3/4"	.08	.04	.036	CALL FOR QUOTE
534-412	8	1/4"	.08	.041	.036	CALL FOR QUOTE
534-414	8	3/8"	.08	.042	.037	CALL FOR QUOTE
534-416	8	1/2"	.09	.045	.04	CALL FOR QUOTE
534-417	8	5/8"	.09	.046	.041	CALL FOR QUOTE
534-432	8	3/4"	.09	.046	.041	CALL FOR QUOTE

### LOCKING TERMINAL SOLDER LUGS

TINNED BRASS



MINIMUM ORDER: 10 PIECES

LUG STYLES	STOCK NO.	DIMENSIONS				PRICE EACH			
		LENGTH	A	THICK	B	10	100	1000	5000
	534-903	7/8"	3/32"	.018"	4	.06	.035	.023	CALL FOR QUOTE
	534-904	7/8"	3/32"	.018"	6	.06	.035	.023	CALL FOR QUOTE
	534-905	7/8"	3/32"	.018"	8	.06	.035	.023	CALL FOR QUOTE
	565-1410-10	7/8"	3/32"	.018"	10	.07	.037	.026	CALL FOR QUOTE
	534-909	47/64"	3/32"	.018"	4	.06	.035	.023	CALL FOR QUOTE
	534-916	47/64"	3/32"	.018"	6	.06	.035	.023	CALL FOR QUOTE
	534-917	47/64"	3/32"	.018"	8	.06	.035	.023	CALL FOR QUOTE
	534-908	5/8"	3/32"	.018"	4	.06	.035	.023	CALL FOR QUOTE
	534-914	5/8"	3/32"	.018"	6	.06	.035	.023	CALL FOR QUOTE
	534-915	5/8"	3/32"	.018"	8	.06	.035	.023	CALL FOR QUOTE
	534-910	23/32"	3/32"	.019"	4	.06	.035	.023	CALL FOR QUOTE
	534-918	23/32"	3/32"	.019"	6	.06	.035	.023	CALL FOR QUOTE
	534-906	23/32"	3/32"	.019"	8	.06	.035	.023	CALL FOR QUOTE
	565-1414-4	27/32"	3/32"	.019"	4	.07	.037	.026	CALL FOR QUOTE
	565-1414-6	27/32"	3/32"	.019"	6	.07	.037	.026	CALL FOR QUOTE
	565-1414-8	27/32"	3/32"	.019"	8	.07	.037	.026	CALL FOR QUOTE
	534-7314	23/32"	3/32"	.019"	4	.06	.035	.023	CALL FOR QUOTE
	534-7315	23/32"	3/32"	.019"	6	.06	.035	.023	CALL FOR QUOTE
	534-7316	23/32"	3/32"	.019"	8	.06	.035	.023	CALL FOR QUOTE
	534-7311	23/32"	3/32"	.018"	4	.06	.035	.023	CALL FOR QUOTE
	534-7312	23/32"	3/32"	.018"	6	.06	.035	.023	CALL FOR QUOTE
	534-7313	23/32"	3/32"	.018"	8	.06	.035	.023	CALL FOR QUOTE
	565-1468	13/16"	3/32"	.019"	1/4	.07	.037	.026	CALL FOR QUOTE
	565-1485-4	9/16"	1/16"	.013"	4	.05	.026	.019	CALL FOR QUOTE
	565-1485-6	9/16"	1/16"	.013"	6	.05	.026	.019	CALL FOR QUOTE
	565-1485-8	9/16"	1/16"	.013"	8	.05	.026	.019	CALL FOR QUOTE



# Fasteners And Hardware

## STEEL HEAD MACHINE SCREWS

SOLD PER PKG  
OF 100 ONLY

PRICE PER PKG.

STOCK NO.	LENGTH	1	10
6/32 SCREWS			
572-02015	1/4"	.92	.65



THESE HIGH QUALITY ZINC-PLATED STEEL FASTENERS ARE AVAILABLE FOR YOUR PRODUCTION NEEDS AND COME CONVENIENTLY PACKAGED WITH 100 PIECES PER BOX.

## MACHINE SCREWS

- ROUND HEAD
- STEEL, ZINC-PLATED
- SOLD PER BOX OF 100 ONLY



## SHEET METAL SCREWS

### PAN HEAD

- STEEL, ZINC-PLATED
- SOLD PER BOX OF 100 ONLY



STOCK NO.	LENGTH	PRICE PER BOX			
		1	5	10	25
#4 SCREW					
572-01576	3/8"	1.99	1.65	1.29	CALL FOR QUOTE
572-01581	1/2"	2.25	1.88	1.49	
572-01595	3/4"	2.45	1.99	1.59	
#6 SCREW					
572-01577	3/8"	2.29	1.93	1.55	
572-01582	1/2"	2.39	1.99	1.59	
572-01596	3/4"	2.49	2.09	1.69	
#8 SCREW					
572-01579	3/8"	2.49	2.09	1.69	CALL FOR QUOTE
572-01584	1/2"	2.69	2.39	1.89	
572-01598	3/4"	2.89	2.69	2.19	
#10 SCREW					
572-01580	3/8"	2.99	2.79	2.29	
572-01585	1/2"	3.09	2.89	2.39	
572-01599	3/4"	3.19	2.99	2.49	

### PHILLIPS PAN HEAD

- STEEL, ZINC-PLATED
- SOLD PER BOX OF 100 ONLY



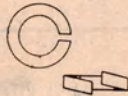
STOCK NO.	LENGTH	PRICE PER BOX			
		1	5	10	25
#4					
572-01747	3/8"	2.39	1.99	1.59	CALL FOR QUOTE
572-01751	1/2"	2.49	2.09	1.69	
572-01763	3/4"	2.79	2.19	1.79	
#6					
572-01748	3/8"	2.49	2.09	1.69	
572-01752	1/2"	2.69	2.29	1.79	
572-01764	3/4"	2.99	2.49	1.99	
#8					
572-01749	3/8"	2.99	2.49	1.99	CALL FOR QUOTE
572-01753	1/2"	3.19	2.69	2.19	
572-01765	3/4"	3.79	3.19	2.49	
#10					
572-01750	3/8"	3.99	3.29	2.59	
572-01754	1/2"	4.19	3.39	2.69	
572-01766	3/4"	4.69	3.89	2.95	

STOCK NO.	LENGTH	PRICE PER BOX			
		1	5	10	25
2/56 SCREWS					
572-01875	1/4"	1.65	1.39	1.04	CALL FOR QUOTE
572-01876	3/8"	1.74	1.49	1.16	
572-01877	1/2"	1.83	1.59	1.22	
4/40 SCREWS					
572-01880	1/4"	1.77	1.49	1.12	
572-01881	3/8"	1.79	1.59	1.19	
572-01882	1/2"	1.92	1.69	1.28	
572-01884	3/4"	2.19	1.79	1.52	
6/32 SCREWS					
572-01888	1/4"	1.79	1.59	1.19	CALL FOR QUOTE
572-01889	3/8"	1.83	1.69	1.25	
572-01890	1/2"	1.99	1.79	1.29	
572-01892	3/4"	2.29	1.89	1.49	
8/32 SCREWS					
572-01901	1/4"	2.09	1.69	1.34	
572-01902	3/8"	2.11	1.79	1.36	
572-01903	1/2"	2.19	1.89	1.39	
572-01905	3/4"	2.49	1.99	1.69	
10/32 SCREWS					
572-01934	1/4"	2.39	1.79	1.59	CALL FOR QUOTE
572-01935	3/8"	2.45	1.89	1.64	
572-01936	1/2"	2.49	1.99	1.66	
572-01938	3/4"	3.29	2.39	2.14	

## REPLACEMENT NUTS AND WASHERS

### LOCK WASHERS

- SPLIT
- STEEL, ZINC-PLATED
- SOLD PER BOX OF 100 ONLY



STOCK NO.	SIZE	PRICE PER BOX			
		1	5	10	25
572-00649	#4	.49	.46	.44	CALL FOR QUOTE
572-00650	#6	.49	.46	.44	
572-00651	#8	.49	.46	.44	
572-00652	#10	.49	.46	.44	

- INTERNAL TOOTH
- STEEL, ZINC-PLATED
- SOLD PER BOX OF 100 ONLY



STOCK NO.	SIZE	PRICE PER BOX			
		1	5	10	25
572-00675	#6	.99	.82	.69	CALL FOR QUOTE
572-00676	#8	.99	.82	.69	
572-00677	#10	.99	.82	.69	

### HEX NUTS

- STEEL, ZINC-PLATED
- SOLD PER BOX OF 100 ONLY



STOCK NO.	SIZE	PRICE PER BOX			
		1	5	10	25
572-00482	2-56	.99	.95	.91	CALL FOR QUOTE
572-00484	4-40	.83	.78	.76	
572-00486	6-32	.93	.87	.84	
572-00487	8-32	1.12	1.05	1.02	
572-00489	10-32	1.19	1.09	1.03	

## MOUSER® NUTS AND WASHERS



1

• KNURLED



2

• FLAT WASHER



3

• HEX NUT

- LOW PROFILE NUTS AND WASHERS FOR SWITCHES, POTENTIOMETERS, AND ROTARY SWITCHES.

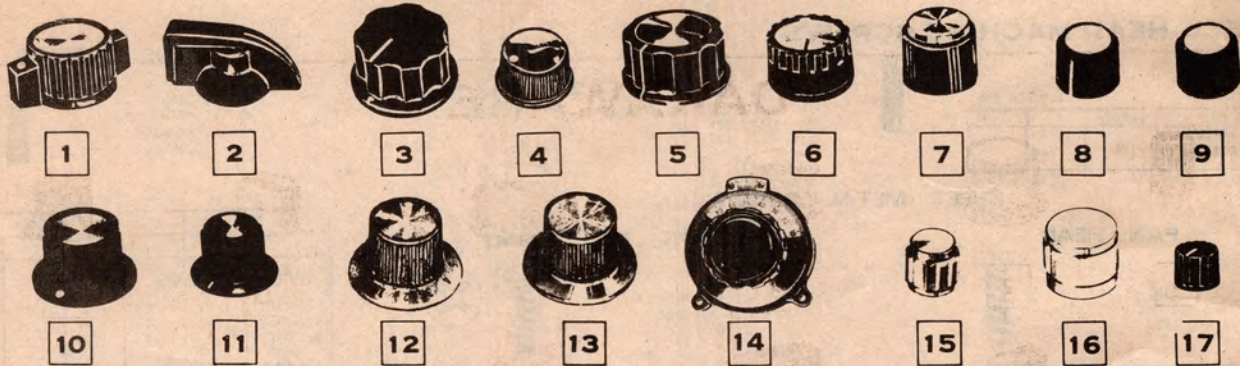
STOCK NO.	FIG.	I.D.	FOR USE WITH:	PRICE EACH	
				100	1000
48KN004	1	4mm	16PJ100, 125, 126, 128	.025	.022
48KN006	1	6mm	16PJ011, 135, 136, 137, 138, ME164-1010	.039	.035
48CW007	2	7mm	10PA010, 011, 012, 013, 015, 016, 022, 023, 10YM143, 31CR, 31CT, 31CA, 31CB, 31CN, 31CQ, 31CW, 31JN SERIES POTENTIOMETERS	.020	.010
48CW008	2	8mm	10YM SERIES SWITCHES (EXCEPT 10YM143), 31V, 31H, 31X, ME314-1410, ME316-1000 SERIES POTENTIOMETERS	.020	.010
48CW009	2	9mm	10WR, 10WS, 10WW, 10WK, 10YX, 10YQ SERIES SWITCHES, 16J020, 022, 080, 081, 083, 084, 31Y SERIES POTENTIOMETERS	.020	.010

STOCK NO.	FIG.	I.D.	FOR USE WITH:	PRICE EACH	
				100	1000
48AN006	3	6mm	10PP221, 222, 231, 232, 241, 242, 10TC SERIES SWITCHES (EXCEPT 10TC600's), 10TA SERIES SWITCHES (EXCEPT 10TA805, 810, 815, 910, 915), 10TF600's 10TF105, 205, 305, 110, 210, 310, 115, 215, 315, 31CX SERIES POTENTIOMETERS, 35CA001, 16PJ052	.025	.020
48AN007	3	7mm	10PA010, 011, 012, 013, 015, 016, 022, 023, 024, 10YM143, 31CR, 31CT, 31CA, 31CB SERIES POTS.	.025	.020
48AN008	3	8mm	10YM SERIES SWITCHES (EXCEPT 10YM143), 31V, 31H, 31X, ME314-1410, ME316-1000 SERIES POTENTIOMETERS 35CA004, 005, 006, 007, 008, 009, 002, 003, 35MP SERIES LEDS	.025	.020
48AN009	3	9mm	10WR, 10WS, 10WW, 10WK, 10YX, 10YQ, SERIES SWITCHES, 10M001, 16PJ020, 022, 080, 081, 083, 31Y SERIES POTENTIOMETERS	.025	.020
48AN012	3	12mm	10PA032, 033, 10PM021, 022, 031, 10TE SERIES SWITCHES (EXCEPT 10TE004), 10TL SERIES SWITCHES (EXCEPT 10TL050, 021), 10DS SERIES SWITCHES (EXCEPT 10DS070, 072, 391, 392), 10TR SERIES SWITCHES	.027	.020
48AN107	3	7mm	31CN, 31CQ, 31CW, 31JN SERIES POTENTIOMETERS	.025	.020

TECHNICAL ASSISTANCE AVAILABLE



# MOUSER® Knobs



STOCK NO.	FIG.	HOLE SIZE	* DIA.	HEIGHT	PRICE EACH			
					1	10	100	500

## POINTER KNOBS

KNOBS ARE OF BLACK PLASTIC AND ARE FITTED WITH BRASS INSERTS AND SET SCREWS FOR ADDED STRENGTH AND DURABILITY.

45KN010	1	1/4"	.88"	.65"	.76	.63	.54	CALL FOR QUOTE
45KN012	2	1/4"	1.25"	.65"	.44	.33	.31	

## CONTROL AND INSTRUMENT KNOBS

KNOBS ARE OF BLACK PLASTIC AND ARE FITTED WITH BRASS INSERTS AND SET SCREWS FOR ADDED STRENGTH AND DURABILITY.

45KN013	3	1/4"	.93"	.60"	.48	.35	.32	CALL FOR QUOTE
45KN014	3	1/4"	1.30"	.66"	.65	.45	.41	
45KN015	4	1/4"	.70"	.38"	.39	.30	.27	
45KN016	5	1/4"	1.29"	.625"	.69	.53	.48	
45KN017	5	1/4"	1.04"	.56"	.62	.43	.41	
45KN018	5	1/4"	.75"	.46"	.54	.41	.37	
45KN019	6	1/4"	1.00"	.60"	.68	.52	.48	
45KN020	7	1/4"	.68"	.78"	.92	.72	.67	
45KN023	8	1/4"	.78"	.625"	.64	.45	.41	
45KN026	9	1/4"	.78"	.625"	.52	.39	.36	
45KN024	10	1/4"	.98"	.57"	.78	.61	.55	
45KN025	11	1/4"	1.37"	.87"	.79	.62	.56	
45KN021	12	1/4"	1.45"	.90"	.98	.76	.69	
45KN022	13	1/4"	1.45"	.90"	.98	.76	.69	

## VERNIER DIAL KNOBS

45KN100	14	1/4"	1.50"	.85"	6.24	5.61	4.99	CALL FOR QUOTE
556-S50	14	1/4"	2.00"	.85"	8.47	7.62	6.78	

\*DIA. IN TABLE MEASURED AT KNOB BASE OR SKIRT.

STOCK NO.	FIG.	HOLE SIZE	* DIA.	HEIGHT	PRICE EACH			
					1	10	100	500

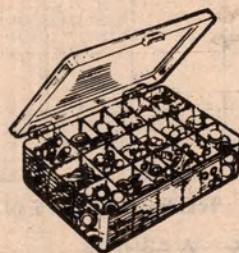
## ALUMINUM KNOBS

45KN030	15	1/4"	.79"	.65"	1.20	.99	.91	CALL FOR QUOTE
45KN031	15	1/4"	.59"	.65"	1.20	.99	.91	
45KN032	16	1/4"	.90"	.73"	1.62	1.24	1.14	
45KN033	16	1/4"	1.17"	.87"	2.30	1.75	1.61	

## KNOB FOR 4MM SHAFT

45KN050	17	4.1mm	.50"	.43"	.68	.52	.45	CALL FOR QUOTE
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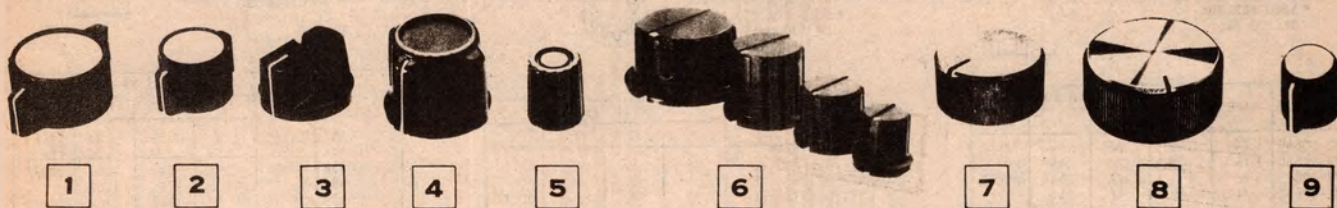
(FITS OUR 31CX SERIES CONTROLS)



## KNOB ASSORTMENT KIT

ONE EACH OF 12 DIFFERENT MOUSER KNOBS FOR 1/4" SHAFTS. INCLUDED ARE POINTERS, CONTROL AND INSTRUMENT KNOBS. TOTAL OF 12 PIECES.

STOCK NO.	PRICE EACH
37-45KN-1	6.99



## KNOBS

THESE KNOBS ARE LOW COST AND PRACTICAL, YET ARE AS ATTRACTIVE AS HIGHER PRICED KNOBS. ALL KNOBS ARE PHENOLIC RESIN, SET SCREW FITTING WITH A BRASS INSERT FOR MAXIMUM STRENGTH.

• 1/4" HOLE SIZE

STOCK NO.	REPLACES ALCO NO.	FIG.	* DIA.	HEIGHT	PRICE EACH			
					1	10	100	500
ME450-1007	PKGP-100B 1/4	1	1.06"	.59"	1.12	.89	.80	CALL FOR QUOTE
ME450-1006	PKGP-70B 1/4	2	.74"	.56"	.99	.79	.71	
ME450-1017	----	3	1.04"	.62"	.43	.34	.31	
ME450-2017	----	4	1.18"	.88"	.99	.79	.71	
ME450-2016	----	4	.90"	.75"	.89	.71	.64	
ME450-2023	----	5	.50"	.61"	.49	.43	.29	
ME450-2039	PKX-100B 1/4	6	1.38"	.70"	1.16	.93	.84	
ME450-2034	PKX-50B 1/4	6	.60"	.58"	.49	.45	.32	
ME450-2035	PKX-60B 1/4	6	.78"	.60"	.77	.61	.55	
ME450-2036	PKX-80B 1/4	6	.94"	.78"	.95	.76	.68	

## BRUSHED ALUMINUM KNOBS

WHERE QUALITY AND APPEARANCE ARE IMPORTANT OUR ALUMINUM KNOBS WILL BE YOUR CHOICE. ALUMINUM KNOBS HAVE A SIGN OF STRENGTH, DURABILITY AND RELIABILITY NOT FOUND IN PLASTIC KNOBS.

- SAW CUT INDICATOR
- SEMI-GLOSS FINISH

STOCK NO.	FIG.	* DIA.	HEIGHT	PRICE EACH			
				1	10	100	500
ME450-6017	7	1.125"	.56"	1.96	1.76	1.58	CALL
ME450-6016	7	.875"	.56"	1.30	1.17	1.05	FOR
ME450-6015	7	.625"	.56"	1.09	.98	.88	QUOTE

## HIGH VISIBILITY COLOR KNOBS

THESE KNOBS ARE POPULAR WHERE EASY, QUICK IDENTIFICATION IS A MUST. PLASTIC KNOBS WITH A BRASS INSERT FOR STRENGTH AND DURABILITY, SET SCREW FITTINGS. THIS KNOB HAS A BLACK BODY WITH A WHITE INDICATOR.

AVAILABLE IN FOUR DIFFERENT COLOR TOPS: RED, YELLOW, GREEN AND BLUE.

STOCK NO.	COLOR TOP	FIG.	* DIA.	HEIGHT	PRICE EACH			
					1	10	100	500
ME450-2040	RED	9	.5"	.63"	.86	.78	.69	CALL FOR QUOTE
ME450-2050	YELLOW	9	.5"	.63"	.86	.78	.69	
ME450-2060	GREEN	9	.5"	.63"	.86	.78	.69	
ME450-2070	BLUE	9	.5"	.63"	.86	.78	.69	

## KNURLED ALUMINUM KNOBS

ALONG WITH THE STRENGTH AND DURABILITY OF ALUMINUM, THIS KNOB FEATURES THE SURE "POSITIVE" GRIP FOUND WITH A KNURLED EDGE.

- NOTCHED TOP INDICATOR
- GLOSSY FINISH
- SIMILAR TO ALCO KN SERIES

STOCK NO.	FIG.	* DIA.	HEIGHT	PRICE EACH			
				1	10	100	500
ME450-6007	8	1.25"	.61"	2.09	1.86	1.76	CALL
ME450-6006	8	.95"	.61"	1.39	1.26	1.19	FOR
ME450-6005	8	.75"	.61"	1.17	1.05	.99	QUOTE
ME450-6003	8	.50"	.61"	1.03	.93	.88	



# Knobs, Cases & Cabinets

## DAKAWARE



1



2



3



4



5



6



7



8



9



10

### INSTRUMENT KNOBS

STOCK NO.	FIG.	HOLE SIZE	DIA.	HEIGHT	PRICE EACH			
					1	10	100	500
512-1900	1	1/4"	.50"	.625"	.88	.79	.53	CALL FOR QUOTE
565-2391	2	1/4"	.75"	.50"	1.49	1.30	.93	CALL FOR QUOTE
565-2892	2	1/4"	1.125"	.625"	2.58	2.25	1.61	CALL FOR QUOTE

### CONTROL KNOBS

STOCK NO.	FIG.	HOLE SIZE	DIA.	HEIGHT	PRICE EACH			
					1	10	100	500
512-1400	3	1/4"	.69"	.41"	.49	.41	.28	CALL FOR QUOTE
565-2244	4	1/4"	1.00"	.50"	.83	.69	.49	CALL FOR QUOTE
565-2240	5	1/4"	.75"	.60"	.99	.84	.60	CALL FOR QUOTE
565-2265	6	1/4"	.91"	.60"	1.09	.91	.65	CALL FOR QUOTE

### POINTER KNOBS

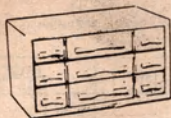
STOCK NO.	FIG.	HOLE SIZE	DIA.	HEIGHT	PRICE EACH			
					1	10	100	500
512-1510	7	1/4"	.75"	.57"	.98	.82	.54	CALL FOR QUOTE
512-1500	8	1/4"	1.13"	.57"	.78	.64	.43	CALL FOR QUOTE
512-2300	9	1/4"	1.25"	.625"	.55	.48	.32	CALL FOR QUOTE
512-2310	10	1/4"	1.19"	.50"	.37	.34	.23	CALL FOR QUOTE

\*DIA. IN TABLE MEASURED AT KNOB BASE OR SKIRT.

## PLASTIC UTILITY CABINETS

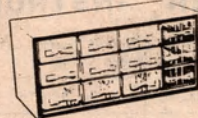
582 - P9C

1



582 - P12

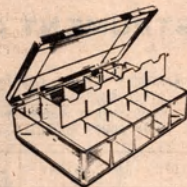
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• DIMENSIONS:  
DEPTH: 5 1/2"  
WIDTH: 9 5/8"  
HEIGHT: 5 5/8"

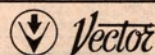
STOCK NO.	FIG.	COMPARTMENTS	PRICE EACH
582-P9C	1	9	7.59
582-P12	2	12	7.59

## PLASTIC UTILITY BOXES

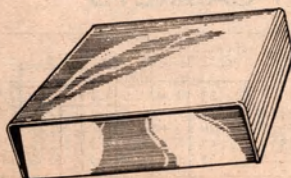


THESE HANDY BOXES, MOLDED OF CLEAR STYRENE PLASTIC FOR VISIBILITY AND STRENGTH FEATURE THE SNAP-TIGHT LIDS, HEAVY PARTITIONS AND WALLS, STURDY HINGES. PERFECT FOR STORAGE OF ALL SMALL ITEMS. HORIZONTAL DIVIDERS ARE MOVEABLE IN THE TWO LARGER BOXES FOR CHANGING COMPARTMENT SIZES TO MEET STORAGE REQUIREMENTS.

STOCK NO.	LENGTH	WIDTH	HEIGHT	COMPARTMENTS	PRICE EACH
560-05-206	4 3/8"	2 5/8"	1"	6 EQUAL	.97
560-05-406	8 1/2"	4 3/4"	1 1/2"	6 TO 18	2.94
560-05-506	1 1/2"	6 1/2"	2 3/8"	5 TO 15	4.90



## DESK TOP INSTRUMENT CASES



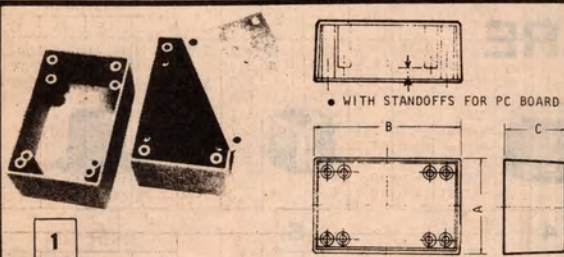
3

STOCK NO.	FIG.	COVER FINISH	OVERALL ASSEMBLED DIMENSIONS					PRICE EACH	
			WIDE	DEEP	HT.	FOOT	RECESS	1	10
574-WA1-12V	3	WALNUT GRAIN VINYL	11"	8"	4"	.240"	.5"	30.26	28.23

QUANTITY DISCOUNTS ON ALL ITEMS - CALL

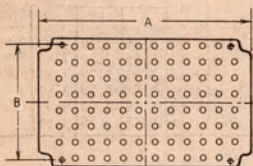


# MOUSER® Cases & Cabinets



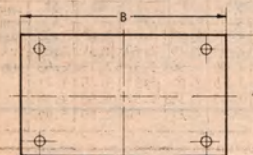
## FEATURES

- MOLDED IN DURABLE ABS THERMOPLASTIC WITH FLAME RETARDANT PROPERTIES
- SMOOTH SEMI-GLOSS FINISH
- EASILY DRILLED OR PUNCHED AND HAS EXCELLENT ELECTRICAL INSULATION PROPERTIES
- AVAILABLE FOR THESE CASES ARE TWO STYLES OF LIDS - FLUSH MOUNT AND WALL MOUNT
- CUSTOM-FIT PC BOARDS AVAILABLE
- COVERS, PC BOARDS, AND HARDWARE MUST BE ORDERED SEPARATELY



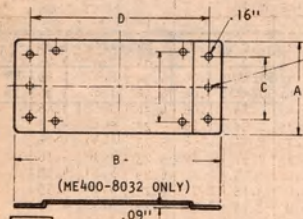
## FEATURES

- COPPER CLAD - ONE SIDE
- PRE-PATTERNED "PAD-PER-HOLE" DESIGN



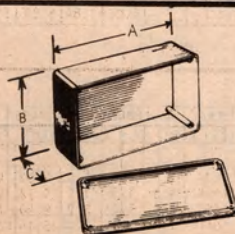
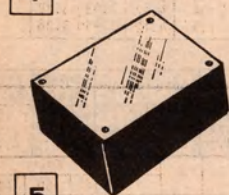
## FEATURES

- ALL ALUMINUM CORROSION RESISTANT COVER
- SECURED BY SCREWS - INCLUDED
- INCLUDES PC BOARD MOUNTING SCREWS



## FEATURES

- ALL ALUMINUM, CORROSION RESISTANT COVER
- HELD SECURE BY FOUR SCREWS-INCLUDED
- WOOD SCREWS FOR MOUNTING-INCLUDED
- PC BOARD MOUNTING SCREWS-INCLUDED



## MOUSER® ABS THERMOPLASTIC INSTRUMENT CASES

STOCK NO.	FIG.	COLOR	DIMENSIONS			PRICE EACH			
			A	B	C	1	10	25	50
ME400-5032	1	BLACK	1.71"	2.7"	1.18"	1.29	1.09	.99	CALL FOR QUOTE
ME400-5043	1	BLACK	2.11"	3.29"	1.38"	1.46	1.22	1.11	CALL FOR QUOTE
ME400-5053	1	BLACK	2.74"	4.19"	1.57"	1.90	1.58	1.44	CALL FOR QUOTE
ME400-5064	1	BLACK	3.33"	5.3"	1.57"	2.40	1.99	1.82	CALL FOR QUOTE
ME400-6032	1	BLUE	1.71"	2.7"	1.18"	1.29	1.07	.97	CALL FOR QUOTE
ME400-6043	1	BLUE	2.11"	3.29"	1.38"	1.46	1.22	1.11	CALL FOR QUOTE
ME400-6053	1	BLUE	2.74"	4.19"	1.57"	1.90	1.58	1.44	CALL FOR QUOTE
ME400-6064	1	BLUE	3.33"	5.3"	1.57"	2.33	1.96	1.77	CALL FOR QUOTE

## MOUSER®

### PRE-PUNCHED COPPER CLAD PC BOARDS FOR MOUSER ABS THERMOPLASTIC INSTRUMENT CASES

STOCK NO.	FIG.	FITS CASES	DIMENSIONS		PRICE EACH			
			A	B	1	10	25	50
ME400-9032	2	ME400-5032 & ME400-6032	2.44"	1.46"	1.48	1.23	1.12	CALL FOR QUOTE
ME400-9043	2	ME400-5043 & ME400-6043	3.03"	1.85"	2.10	1.76	1.60	CALL FOR QUOTE
ME400-9053	2	ME400-5053 & ME400-6053	3.86"	2.40"	2.50	1.99	1.89	CALL FOR QUOTE
ME400-9064	2	ME400-5064 & ME400-6064	4.96"	2.99"	3.78	3.15	2.87	CALL FOR QUOTE

## MOUSER® ALUMINUM FLUSH MOUNT COVERS FOR MOUSER ABS THERMOPLASTIC INSTRUMENT CASES

STOCK NO.	FIG.	FITS CASES	DIMENSIONS		PRICE EACH			
			A	B	1	10	25	50
ME400-7032	3	ME400-5032 & ME400-6032	1.57"	2.56"	.94	.72	.65	CALL FOR QUOTE
ME400-7043	3	ME400-5043 & ME400-6043	1.97"	3.15"	1.09	.84	.77	CALL FOR QUOTE
ME400-7053	3	ME400-5053 & ME400-6053	2.56"	4.02"	1.25	.99	.92	CALL FOR QUOTE
ME400-7064	3	ME400-5064 & ME400-6064	3.15"	5.12"	1.56	1.30	1.18	CALL FOR QUOTE

## MOUSER® ALUMINUM WALL MOUNT COVER FOR MOUSER ABS THERMOPLASTIC INSTRUMENT CASES

STOCK NO.	FIG.	FITS CASES	DIMENSIONS				PRICE EACH			
			A	B	C	D	1	10	25	50
ME400-8032	4	ME400-5032 & ME400-6032	1.57"	3.74"	-	3.31"	1.25	.96	.87	CALL FOR QUOTE
ME400-8043	4	ME400-5043 & ME400-6043	1.97"	4.41"	1.34"	3.90"	1.44	1.20	1.09	CALL FOR QUOTE
ME400-8053	4	ME400-5053 & ME400-6053	2.56"	5.43"	1.77"	4.80"	1.99	1.68	1.53	CALL FOR QUOTE
ME400-8064	4	ME400-5064 & ME400-6064	3.15"	6.70"	2.20"	6.06"	2.56	2.13	1.94	CALL FOR QUOTE

## MOUSER® INSTRUMENT CASES

HIGHEST QUALITY INSTRUMENT CASES MADE OF UNBREAKABLE BLACK THERMOPLASTIC WITH POLISHED ALUMINUM COVERS.

STOCK NO.	FIG.	LENGTH	WIDTH	HEIGHT	PRICE EACH			
					1	10	50	100
40UB001	5	6 1/4"	3 3/4"	2"	4.38	3.65	3.32	CALL FOR QUOTE
40UB004	5	4"	2 1/8"	1 5/8"	2.54	2.12	1.93	CALL FOR QUOTE
40UB005	5	3 1/4"	2 1/8"	1 1/8"	2.29	1.95	1.77	CALL FOR QUOTE

## MOUSER® METAL INSTRUMENT CASES

- QUALITY CONSTRUCTION, ATTRACTIVE HAMMERTONE FINISH.
- LOUVER VENTED COVER
- FOUR REMOVEABLE RUBBER FEET
- STURDY 2 PIECE CONSTRUCTION. BLACK 18 GAUGE STEEL COVER FITS SMOOTHLY OVER A PAINTED, GLOSSY GRAY ALUMINUM BASE. IDEAL FOR USE WITH POWER SUPPLIES, AMPLIFIERS, ETC.

STOCK NO.	FIG.	LENGTH	WIDTH	HEIGHT	PRICE EACH			
					1	10	50	100
40UB101	6	4"	3 1/4"	2 3/16"	3.42	2.99	2.67	CALL FOR QUOTE
40UB102	6	5 7/8"	4"	2 3/8"	4.54	3.99	3.41	CALL FOR QUOTE
40UB103	6	5 7/8"	5 1/4"	3"	6.61	5.51	5.00	CALL FOR QUOTE
40UB104	6	7 1/4"	6 1/4"	2 3/4"	11.11	10.10	9.19	CALL FOR QUOTE

## MOUSER® UTILITY CABINETS

THESE ALUMINUM ALLOY CABINETS ARE UNFINISHED BUT WITH A SMOOTH SURFACE WHICH ACCEPTS PAINT WELL. THERE ARE NO SHARP EDGES AND THE SCREWS ARE COUNTERSUNK IN THE LID.

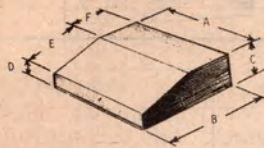
STOCK NO.	REPLACES BUD #	DIMENSIONS (INCHES)			PRICE EACH			
		A	B	C	1	10	50	100
ME400-4590	CU-123	1.4	3.5	1.2	5.50	4.58	4.24	CALL FOR QUOTE
ME400-4591	CU-124	2.5	4.5	1.2	6.38	5.32	4.84	CALL FOR QUOTE
ME400-4592	CU-234	3.6	4.5	2.2	8.99	7.59	7.19	CALL FOR QUOTE
ME400-4593	CU-247	4.8	6.8	2.2	14.69	12.19	11.69	CALL FOR QUOTE
ME400-4594	CU-347	4.8	6.8	4.2	16.05	14.59	13.90	CALL FOR QUOTE



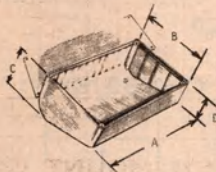
# HAMMOND Instrument Cases

## DESK TOP CONSOLES

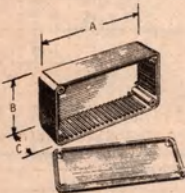
1456 DESK TOP CONSOLES



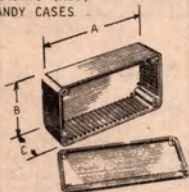
1595 PLASTIC DESK CONSOLES  
C AND E MODELS



1591 STYRENE PLASTIC CASE



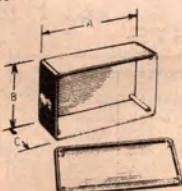
1591 PLASTIC (ABS) HANDY CASES



1591 PLASTIC CASES WITH PANELS



1590 DIECAST BOXES



DESIGN A CONSOLE: - CHOOSE MATERIAL, A COLOR AND SIZE TO PRODUCE A BEAUTIFUL HOUSING FOR YOUR INSTRUMENTS.

WALNUT CASES: SOLID, OILED WALNUT SIDE PANELS ON A VENTILATED STEEL BASE. SUPPLIED WITH HARDWARE AND RUBBER FEET.

ALUMINUM CASES: TEXTURED, BAKED-ON PAINTS OVER .081" THICK ALUMINUM. THE VENTILATED BOTTOM WRAPS AROUND TO FORM THE SIDES. SUPPLIED WITH HARDWARE AND RUBBER FEET.

PANELS: SMOOTH SEMI-GLOSS SAND AND OFF-WHITE OR FINELY TEXTURED SATIN BLACK FINISHES. MODELS UP TO 14.0" WIDE ARE .064" THICK ALUMINUM, LARGER ONES ARE .081" THICK.

CASES DIMENSIONS (in.)

STOCK NO.	COLOR	A	B	C	D	E	F	PRICE EACH			
								I	15	25	35
546-1456PH3C-BU	BLUE	14.0	8.3	3.0	1.3	6.3	2.2	16.39	14.73	14.24	CALL FOR QUOTE
546-1456PH3C-WW	WALNUT	14.0	8.3	3.0	1.3	6.3	2.2	29.71	26.69	25.80	CALL FOR QUOTE
546-1456PL3C-BU	BLUE	14.0	11.3	3.0	1.3	6.3	5.2	19.58	17.58	16.99	CALL FOR QUOTE
546-1456PL3C-WW	WALNUT	14.0	11.3	3.0	1.3	6.3	5.2	30.25	27.17	24.99	CALL FOR QUOTE
546-1456FG4C-BU	BLUE	6.5	7.2	4.0	1.1	5.7	2.2	12.30	11.09	10.67	CALL FOR QUOTE
546-1456FG4C-WW	WALNUT	6.5	7.2	4.0	1.1	5.7	2.2	27.66	24.85	24.03	CALL FOR QUOTE
546-1456KK4C-BU	BLUE	10.0	10.2	4.0	1.1	5.7	5.2	17.42	15.65	15.12	CALL FOR QUOTE
546-1456KK4C-WW	WALNUT	10.0	10.2	4.0	1.1	5.7	5.2	30.74	27.61	26.69	CALL FOR QUOTE
546-1456PK4C-BU	BLUE	14.0	10.2	4.0	1.1	5.7	5.2	20.49	18.41	17.79	CALL FOR QUOTE
546-1456PK4C-WW	WALNUT	14.0	10.2	4.0	1.1	5.7	5.2	32.28	28.79	27.98	CALL FOR QUOTE

PANELS

STOCK NO.	COLOR	A	B	C	D	E	F	PRICE EACH			
								I	15	25	35
546-1456PH3P-WH	WHITE	14.0	8.3	3.0	1.3	6.3	2.2	15.37	13.80	13.34	CALL FOR QUOTE
546-1456PL3P-WH	WHITE	14.0	11.3	3.0	1.3	6.3	5.2	16.60	14.91	14.41	CALL FOR QUOTE
546-1456FG4P-WH	WHITE	6.5	7.2	4.0	1.1	5.7	2.2	9.63	8.65	8.36	CALL FOR QUOTE
546-1456KK4P-WH	WHITE	10.0	10.2	4.0	1.1	5.7	5.2	13.32	11.97	11.57	CALL FOR QUOTE
546-1456PK4P-WH	WHITE	14.0	10.2	4.0	1.1	5.7	5.2	16.39	14.73	14.24	CALL FOR QUOTE

## PLASTIC DESK CONSOLES

- CASE MOULDED IN ABS PLASTIC WHICH PROVIDES GOOD ELECTRICAL INSULATION AND EASY PUNCHING OR DRILLING.
- COMES WITH FOUR SLOT HEAD SCREWS THREADED INTO INTEGRAL BRASS BUSHINGS WHICH HOLD RECESSED PANEL INTO SLOPING FRONT OF CASE.
- 1mm (0.04") THICK GREY PAINTED ALUMINUM PANEL.
- INTERNAL SLOTS 1mm (0.04") DEEP x 1.8mm (0.07") WIDE FOR 1.5mm (0.062") P.C. CARDS.
- 5mm (0.20") DIA. STAND-OFF BOLTS IN THE BASE FOR SUPPORTING VARIOUS SUB-ASSEMBLIES.
- 4 SELF ADHESIVE RUBBER FEET AS SUPPLIED.

DIMENSIONS (in.)

STOCK NO.	COLOR	A	B	C	D	PRICE EACH			
						I	10	50	100
546-1595C-BU	BLUE	6.30	3.80	2.30	1.54	9.35	7.79	7.43	CALL FOR QUOTE
546-1595C-OR	ORANGE	6.30	3.80	2.30	1.54	9.35	7.79	7.43	CALL FOR QUOTE
546-1595C-BK	BLACK	6.30	3.80	2.30	1.54	9.35	7.79	7.43	CALL FOR QUOTE
546-1595E-BU	BLUE	8.50	5.10	2.90	1.85	12.58	10.48	9.99	CALL FOR QUOTE
546-1595E-OR	ORANGE	8.50	5.10	2.90	1.85	12.58	10.48	9.99	CALL FOR QUOTE
546-1595E-BK	BLACK	8.50	5.10	2.90	1.85	12.58	10.48	9.99	CALL FOR QUOTE

## STYRENE PLASTIC CASE

- MOULDED IN GREY HIGH IMPACT STYRENE PLASTIC.
- COMES WITH FOUR SELF TAPPING SCREWS COUNTERSUNK INTO THE LID.
- INTEGRAL CARD GUIDES ACCEPT 1.5mm (0.062") P.C. CARDS.
- BLACK STYRENE LID

DIMENSIONS (in.)

STOCK NO.	COLOR	A	B	C	PRICE EACH			
					I	10	50	100
546-1591AS-BK	BLACK	4.00	2.00	1.00	2.20	1.84	1.75	CALL FOR QUOTE
546-1591BS-BK	BLACK	4.40	2.44	1.20	2.80	2.34	2.23	CALL FOR QUOTE
546-1591CS-BK	BLACK	4.75	2.56	1.56	3.31	2.75	2.63	CALL FOR QUOTE
546-1591DS-BK	BLACK	6.00	3.15	2.00	3.91	3.25	3.11	CALL FOR QUOTE
546-1591ES-BK	BLACK	7.50	4.33	2.38	5.51	4.59	4.38	CALL FOR QUOTE
546-1591LS-BK	BLACK	3.35	2.20	1.27	2.50	2.09	1.99	CALL FOR QUOTE

## PLASTIC (ABS) HANDY CASES

- MOULDED IN CYCOLAC KJB PLASTIC (OR EQUIVALENT) WHICH IS AN IMPROVED, MEDIUM IMPACT ABS THERMOPLASTIC WITH FLAME RETARDANT PROPERTIES.
- CYCOLAC KJB CARRIES A FLAMMABILITY RATING OF 94 V-0 AT 1.47mm THICKNESS AND CONTINUOUS USE TEMPERATURE RATING OF 70°C.
- KJB MATERIAL REQUIRED BY CSA AND U.L. ON MANY CONSUMER GOODS.
- COMES WITH 3mm SLOT HEAD SCREWS, COUNTERSUNK LID DRILLED AND TAPPED INTEGRAL BRASS BUSHINGS.
- INTERLOCKING FLANGE ON THE LID.
- INTEGRAL CARD GUIDES ACCEPT 1.5mm (0.062") P.C. CARDS.
- 546-1591E HAS A REMOVABLE CENTER BRACE.

DIMENSIONS (in.)

STOCK NO.	COLOR	A	B	C	PRICE EACH			
					I	10	50	100
546-1591A-OR	ORANGE	4.0	2.0	1.0	3.84	3.20	3.05	CALL FOR QUOTE
546-1591A-BK	BLACK	4.0	2.0	1.0	3.84	3.20	3.05	CALL FOR QUOTE
546-1591B-BU	BLUE	4.4	2.44	1.06	4.34	3.62	3.46	CALL FOR QUOTE
546-1591B-OR	ORANGE	4.4	2.44	1.06	4.34	3.62	3.46	CALL FOR QUOTE
546-1591B-BK	BLACK	4.4	2.44	1.06	4.34	3.62	3.46	CALL FOR QUOTE
546-1591C-OR	ORANGE	4.75	2.56	1.56	5.23	4.36	4.16	CALL FOR QUOTE
546-1591C-BK	BLACK	4.75	2.56	1.56	5.23	4.36	4.16	CALL FOR QUOTE
546-1591C-BU	BLUE	4.75	2.56	1.56	5.23	4.36	4.16	CALL FOR QUOTE
546-1591D-OR	ORANGE	6.0	3.15	2.0	6.29	5.24	4.99	CALL FOR QUOTE
546-1591D-BK	BLACK	6.0	3.15	2.0	6.29	5.24	4.99	CALL FOR QUOTE
546-1591D-BU	BLUE	6.0	3.15	2.0	6.29	5.24	4.99	CALL FOR QUOTE
546-1591E-BK	BLACK	7.5	4.33	2.38	9.13	7.60	7.25	CALL FOR QUOTE
546-1591E-BU	BLUE	7.5	4.33	2.38	9.13	7.60	7.25	CALL FOR QUOTE
546-1591L-OR	ORANGE	3.4	2.2	1.4	4.12	3.43	3.28	CALL FOR QUOTE
546-1591L-BK	BLACK	3.4	2.2	1.4	4.12	3.43	3.28	CALL FOR QUOTE

## PLASTIC CASES WITH PANELS

- THE 0.04" THICK GREY ALUMINUM FRONT COVER IS HELD BY FOUR SCREWS RUNNING INTO INTEGRAL BRASS BUSHES.
- SLOTS ON ALL FOUR SIDES FOR HOLDING 0.062" THICK PC BOARDS.
- BOXES ARE EASILY DRILLED OR PUNCHED, HAVE EXCELLENT ELECTRICAL INSULATION PROPERTIES AND WILL WITHSTAND CONTINUOUS HEAT UP TO 85°C (185°F).

DIMENSIONS (in.)

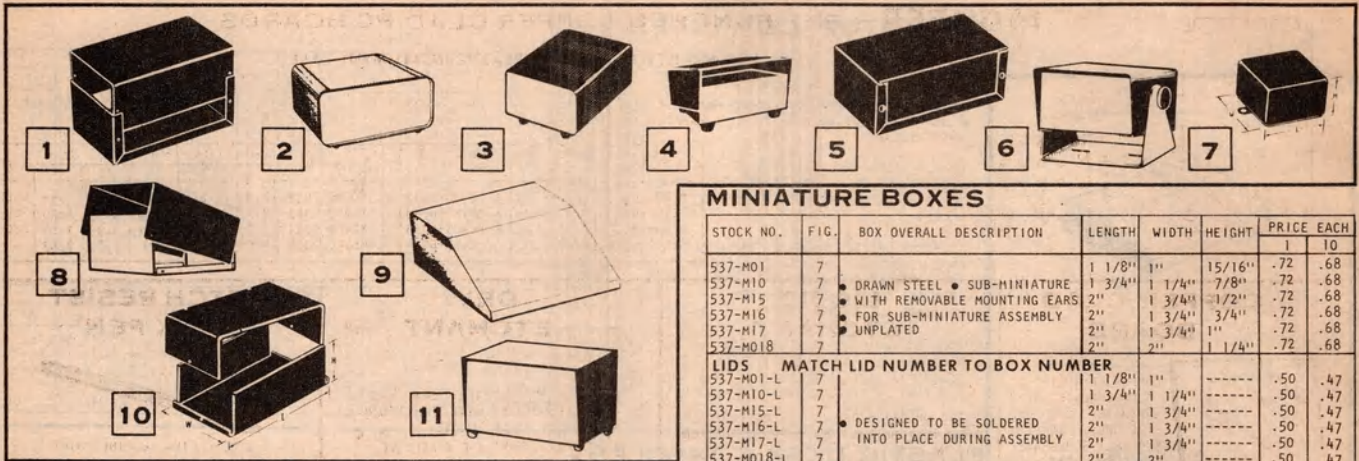
STOCK NO.	A	B	C	PRICE EACH			
				I	10	50	100
546-1590A	3.6	1.5	1.0	4.99	4.17	3.99	CALL FOR QUOTE
546-1590B	4.3	2.3	1.0	5.72	4.77	4.55	CALL FOR QUOTE
546-1590C	4.6	3.6	2.0	9.40	7.83	7.47	CALL FOR QUOTE
546-1590D	7.3	4.7	2.0	15.14	12.61	11.99	CALL FOR QUOTE
546-1590E	7.3	4.7	3.0	15.47	12.89	12.30	CALL FOR QUOTE

## DIECAST BOXES ALUMINUM

- AVERAGE WALL THICKNESS 2.0mm (.079")
- ALUMINUM ALLOY BOX, WITH NO SHARP CORNERS
- COUNTERSUNK SELF-TAPPING SCREWS IN LID
- INTERLOCKING FLANGED LID
- GOOD RF SHIELDING
- UNFINISHED BUT SMOOTH SURFACE ACCEPTS NORMAL PAINTS



# LMB Boxes, Chassis and Cabinets



## JIFFY BOX CHASSIS FOR QUANTITIES OVER 25 PIECES CALL FOR QUOTE

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-J-870	1		2 3/4"	2 1/8"	1 5/8"	1.92 1.82
537-J-871	1		2 3/4"	2 1/8"	2 3/4"	2.17 2.06
537-J-872	1		3 1/4"	2 1/8"	1 1/8"	1.92 1.82
537-J-873	1	• ALUMINUM - PUSH TOGETHER TO CLOSE AND CATCHES SNAP INTO PLACE. A SLIGHT PRESSURE OPENS BOX. IDEAL WHERE QUICK ACCESS IS REQUIRED	3 1/2"	2 1/8"	1 5/8"	2.03 1.93
537-J-874	1		4"	2 1/8"	1 5/8"	2.17 2.06
537-J-875	1		4"	2 1/4"	2 1/4"	2.61 2.48
537-J-877	1		4 1/4"	2 1/4"	1 1/2"	2.17 2.06
537-J-878	1		5"	2 1/4"	2 1/4"	2.81 2.67
537-J-879	1		5"	4"	3"	3.91 3.71
537-J-880	1		5 1/4"	3"	2 1/8"	3.09 2.94
537-J-881	1		6"	5"	4"	5.46 5.19
537-J-882	1		7"	5"	3"	5.54 5.26
537-J-884	1		10"	6"	3 1/2"	7.96 7.56

## PERFORATED CABINET

STOCK NO.	FIG.	CABINET OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-C0-2-P	2	• CONTOURED • REMOVEABLE TOP • ALUMINUM • IVORY TRIM • GRAY BODY • FRONT DARK GRAY • RECESSED FRONT PANEL	10"	12"	6 1/2"	56.65 53.82

STOCK NO.	FIG.	CABINET OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-C0-3-P	3	• ALUMINUM • COUNTURED • GRAY BODY • BUILT-IN-CHASSIS • PERFORATED THREE SIDES • FRONT PANEL DK GRAY RECESSED	7 1/4"	5 1/2"	3 1/8"	20.05 19.05
537-C0-7-P	3		11"	8"	7"	38.08 36.18

## (M-E) SERIES

STOCK NO.	FIG.	CABINET OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-ME-462-P	4	• BUILT-IN-CHASSIS • BLACK HOODED COVER	2 1/2"	6"	4"	15.50 14.73
537-ME-583-P	4	• WHITE BODY WITH RUBBER BUMPERS	3"	8"	5"	19.57 18.59
537-ME-7114-P	4		4"	11"	7"	26.05 23.99

## TITE-FIT BOX CHASSIS

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-TF-772-P	5		3 1/4"	2 1/8"	1 1/8"	2.60 2.47
537-TF-773-P	5		3 1/2"	2 1/8"	1 5/8"	2.87 2.73
537-TF-776-P	5	• ALUMINUM • USES 4 MACHINE SCREWS • PAINTED-GRAY COLOR	4"	2"	2 3/4"	3.52 3.34
537-TF-779-P	5		5"	4"	3"	5.13 4.87
537-TF-780-P	5		5 1/4"	3"	2 1/8"	4.53 4.30
537-TF-781-P	5		6"	5"	4"	6.96 6.61
537-TF-782-P	5		7"	5"	3"	7.52 7.14
537-TF-784-P	5		10"	6"	3 1/2"	10.35 9.54

## UNPAINTED TITE-FIT BOX CHASSIS

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-TF-770	5		2 3/4"	2 1/8"	1 5/8"	1.92 1.82
537-TF-773	5		3 1/2"	2 1/8"	1 5/8"	2.07 1.97
537-TF-775	5		4"	2 1/4"	2 1/4"	2.61 2.48
537-TF-777	5	• ALUMINUM • USES 4 MACHINE SCREWS • UNPAINTED	4 1/4"	2 1/4"	1 1/2"	2.17 2.06
537-TF-778	5		5"	2 1/4"	2 1/4"	2.81 2.67
537-TF-779	5		5"	4"	3"	3.91 3.71
537-TF-780	5		5 1/4"	3"	2 1/8"	3.09 2.94
537-TF-781	5		6"	5"	4"	5.46 5.19
537-TF-782	5		7"	5"	3"	5.54 5.26
537-TF-783	5		8"	6"	3 1/2"	6.73 6.39
537-TF-784	5		10"	6"	3 1/2"	7.96 7.56

## ADJUSTA-BOX

STOCK NO.	FIG.	COLOR	BOX OVERALL DESCRIPTION	DIMENSIONS	PRICE EACH
537-SW453-BG	6	BLUE & GOLD	• VIEWING FROM ANY ANGLE • 360° MOUNTING RANGE • ALUMINUM CONSTRUCTION. • FELT FEET TO PREVENT HARRING • SLOTTED MTG. HOLE FOR EASY INSTALLATION.	5" L 4" W 3" H	15.18 14.42
537-SW463-BG	6	BEIGE & GOLD		6" L 4" W 3" H	15.93 15.13

## MINIATURE BOXES

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-M01	7		1 1/8"	1"	15/16"	.72 .68
537-M10	7	• DRAWN STEEL • SUB-MINIATURE	1 3/4"	1 1/4"	7/8"	.72 .68
537-M15	7	• WITH REMOVABLE MOUNTING EARS	2"	1 3/4"	1/2"	.72 .68
537-M16	7	• FOR SUB-MINIATURE ASSEMBLY	2"	1 3/4"	3/4"	.72 .68
537-M17	7	• UNPLATED	2"	1 3/4"	1"	.72 .68
537-M18	7		2"	2"	1 1/4"	.72 .68

## DRAWN MINIATURE BOX CHASSIS CAD PLATED

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-M01-PLTD	7		1-1/8"	1"	15/16"	1.25 1.19
537-M10-PLTD	7	• PLATING IS #1 CADMIUM	1-3/4"	1-1/4"	7/8"	1.25 1.19
537-M15-PLTD	7	• COLD ROLLED STEEL	2"	1-3/4"	1/2"	1.25 1.19
537-M16-PLTD	7	• REMOVABLE MOUNTING EARS	2"	1-3/4"	3/4"	1.25 1.19
537-M17-PLTD	7	• CADMIUM PLATED	2"	1-3/4"	1"	1.25 1.19
537-M18-PLTD	7		2"	2"	1-1/4"	1.25 1.19

STOCK NO.	FIG.	FITS BOX NO.	L x W (INCHES)	PRICE EACH
537-M01-L-PLTD	7	537-M01-PLTD	1-1/8 x 15/16	.75 .71
537-M10-L-PLTD	7	537-M10-PLTD	1-3/4 x 7/8	.75 .71
537-M15-L-PLTD	7	537-M15-PLTD	2 x 1/2	.75 .71
537-M16-L-PLTD	7	537-M16-PLTD	2 x 3/4	.75 .71
537-M17-L-PLTD	7	537-M17-PLTD	2 x 1	.75 .71
537-M18-L-PLTD	7	537-M18-PLTD	2 x 1-1/4	.75 .71

## CROWN ROYAL (C-R) SERIES

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-CR-211	8		2 1/4"	1 1/2"	1 3/8"	2.89 2.75
537-CR-221	8		2 1/4"	2 1/8"	1 3/4"	3.15 2.99
537-CR-321	8		3 1/4"	2 1/8"	1 5/8"	3.75 3.56
537-CR-332	8	• PAINTED ALUMINUM CASES	3 3/4"	3"	2 1/8"	4.76 4.52
537-CR-422	8	• DARK BLUE TOP	4"	2 1/4"	2 1/4"	4.48 4.26
537-CR-442	8	• LIGHT BLUE BOTTOM	4"	2"	2"	5.52 4.96
537-CR-531	8		5 1/2"	3"	1 1/4"	5.03 4.78
537-CR-532	8		5 1/4"	3"	2 1/8"	5.23 4.97
537-CR-632	8		6 1/4"	3 1/2"	2 1/8"	6.40 6.08
537-CR-643	8		6"	4"	3"	7.79 7.40
537-CR-645	8		6"	4"	5"	9.13 8.67
537-CR-753	8		7"	5"	3"	9.51 9.04
537-CR-800	8		8"	3"	2 3/4"	7.76 7.37
537-CR-864	8		8"	6"	4 1/2"	12.68 12.05

## MODULAR DESKTOP CONSOLE

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-MDC642-B			7"	4"	2 1/4"	7.38 7.01
537-MDC752-B			8"	5"	2 1/2"	8.23 7.82
537-MDC862-B	9	FEET	8"	6"	2 3/4"	10.54 9.99
537-MDC973-B	9	• BEIGE & IVORY FINISHED	9"	7"	3"	11.75 11.16
537-MDC1103-B	9	• ALUMINUM	11"	8"	3 1/2"	15.84 15.05
537-MDC13104-B	9	• EASY ACCESS FOR INSTALLATION OF COMPONENTS	13"	10"	4"	20.85 19.81

## INTERLOCKING BOXES

STOCK NO.	FIG.	BOX OVERALL DESCRIPTION	LENGTH	WIDTH	HEIGHT	PRICE EACH
537-M00-P	10	• INTERLOCKING CONSTRUCTION	2 1/4"	1 1/2"	1 3/8"	2.51 2.38
537-101-P	10	• ALUMINUM • RUGGED, STURDY	4 1/4"	2 1/4"	1 1/4"	3.24 3.08
537-108-P	10	• PAINTED HAMMERTONE GRAY	5"	2 1/4"	2 1/4"	4.54 4.31
537-136-P	10	• EASY TO ASSEMBLE, ONLY 2 SCREWS TO PUT IN PLACE	5 1/4"	3"	2 1/8"	5.25 4.99
537-138-P	10	• ENGINEERED TO ELIMINATE HARD TO GET AT PLACES.	6 1/4"	3 1/2"	2 1/8"	6.56 6.24
537-139-P	10		5 1/2"	3"	1 1/4"	4.86 4.63
537-141-P	10		6"	4"	3"	8.11 7.71
537-146-P	10		8"	6"	4 1/2"	14.22 13.51

## FOOTED CABINET

STOCK NO.	FIG.	COLOR	BOX OVERALL DESCRIPTION	L	W	H	PRICE EACH
537-453N-BG	11	BLUE	• ALUMINUM CONSTRUCTION • RUBBER FEET ON BOTTOM • IDEAL FOR COLOR-CODING INSTRUMENTS & MULTI-BOX SYSTEMS	4"	5"	3"	10.27 9.76
537-463N-BG	11	GOLD		4"	6"	3"	10.86 10.32
537-564N-B	11	BEIGE		5"	6"	4"	11.91 11.32
537-685N-B	11	LT. BLUE		6"	8"	5"	17.17 16.31



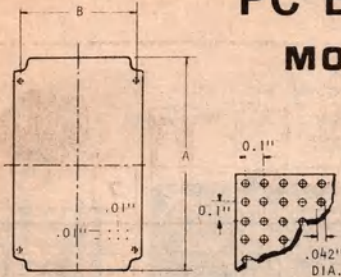
# PC Boards & PCB Etching Products

## MOUSER® PRE-PUNCHED COPPER CLAD PC BOARDS

### FEATURES

- COPPER CLAD - ONE SIDE
- PRE-PATTERNED "PAD-PER-HOLE" DESIGN
- .042" DIAMETER HOLES WITH 0.1" SPACING BETWEEN HOLES

FOR MOUSER ABS THERMOPLASTIC INSTRUMENT CASES



STOCK NO.	FITS CASES
ME400-9032	ME400-5032 & ME400-6032
ME400-9043	ME400-5043 & ME400-6043
ME400-9053	ME400-5053 & ME400-6053
ME400-9064	ME400-5064 & ME400-6064

STOCK NO.	DIMENSIONS		PRICE EACH				
	A	B	1	10	25	50	
ME400-9032	2.44"	1.46"	1.40	1.17	.99	CALL	
ME400-9043	3.03"	1.85"	1.83	1.53	1.39	FOR	
ME400-9053	3.86"	2.40"	2.50	1.99	1.89	QUOTE	
ME400-9064	4.96"	2.99"	3.46	2.89	2.62		

### COPPER CLAD BOARD



HIGHEST QUALITY  
paper  
epoxy

COPPER LAMINATED TO SOLVENT-RESISTANT LAMINATE. CLAD ONE SIDE ONLY. COPPER SURFACE IS UNSENSITIZED FOR SCREEN PROCESSING OR OTHER HAND APPLICATION OF RESIST PRIOR TO ETCHING.

STOCK NO.	BOARD SIZE	PRICE EA
501-PC3X3	3" x 3"	.48
501-PC4X6	4" x 6"	.81
501-PC12X12	12" x 12"	5.29

### LIQUID ETCHANT

FERRIC CHLORIDE ONE OF THE MOST WIDELY USED LIQUID ETCHANTS FOR PC BOARD PRODUCTION. FAST ACTING, VERY EFFECTIVE AND ECONOMICALLY PRICED. 42° BAUME.

STOCK NO.	PRICE PER GALLON	
	1 TO 3 Gal.	4+ Gal.
503-FECL-B	6.32	4.70

### DRY ETCHANT

AMMONIUM PERSULPHATE IDEAL FAST-ACTING POWDER ETCHANT THAT YOU MIX WITH WATER PRIOR TO USE. ECONOMICAL, FAST AND EFFECTIVE. MIX RATIO: 1 lb. OF THE AMMONIUM PERSULPHATE POWDER TO 1 GALLON OF WATER.

STOCK NO.	PRICE PER POUND	
	1-9 LBS	10+LBS.
503-APS-B	1.55	1.43

### ETCH RESIST INK PEN

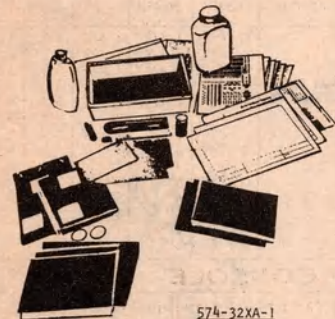


• BLACK INK • FINE POINT  
FELT TIP FOR MAKING RESIST CIRCUITS DIRECTLY ON PRINTED CIRCUIT BOARDS. DRIES INSTANTLY FOR NEAT EASY APPLICATION.

STOCK NO.	PRICE EACH
524-22-220	1.45

### DIRECT POSITIVE PHOTORESIST KITS

- EASY TO PREPARE ARTWORK WITH DIRECT POSITIVE; NO NEGATIVE TO BE MADE
- TRACE CIRCUIT BOARD LAYOUTS FROM MAGAZINES
- COMPLETE, CLEAR INSTRUCTIONS FOR THE NOVICE OR PROFESSIONAL
- MAKES COMPLEX CIRCUIT PATTERNS
- REUSABLE DEVELOP-AND-ETCH CONTAINERS
- REPEATABILITY-MAKE 1 OR MANY
- MINIMUM UNDERCUTTING WITH AGITATION ETCHING
- TRANSFER ART PATTERNS FOR EASY ICs, LINES, PADS, CONNECTORS AND MARKINGS.



574-32XA-1  
DELUXE KIT

STOCK NO.	KIT	PRICE
574-32XA-1	DELUXE	44.33

CONTENTS OF 32XA1	
32XA1	Description
1	6.5 x 4.5 x 1/16 board, bare copper 1 side
1	4.5 x 2.73 x 1/16 board, bare copper 1 side
1	6.5 x 4.5 x 1/16 board sensitized 1 side
1	Testboard, sensitized 1 side
1	4.5 x 2.73 x 1/16 board sensitized 1 side
1	4.5 x 2.73 x 1/16 board, sensitized 2 sides
1	6.5 x 4.5 x 1/16 board, sensitized 2 sides
1	8.0 x 5.1 x 1/16 board, sensitized 1 side
1	Tray, plastic (small)
1	Tray, plastic (large)
1	Etchant, ferric chloride, 6 oz. bottle
1	Etchant, ferric chloride, 16 oz. bottle
1	Developer, 1% oz. in 6 oz. plastic bottle
1	Bag, plastic, 9 x 18 x .004
1	Paperclip
1	Glass plate, 1/16 x 5 1/2 x 8 1/4
1	Mylar, clear, .005 x 5 1/2 x 8 1/4
1	Mylar, clear, .005 x 5.0 x 7.0
2	Mask cutting film, .005 x 4-7/8 x 6-7/8
1	Mask cutting film, .005 x 5 1/2 x 8 1/4
1	Tape, black crepe, .062 x 60" roll
1	Tape, black crepe, .026 x 120" roll
1	Brush, and type
1	Razor knife
1	Burnishing tool, wooden
1	Ruling pen, adjustable
1	Resist paint, 1/4 oz. bottle
2	Carbon paper, 6.0 x 8.0
1	Container, plastic
2	Transfer artwork, set of 4 sheets
4	Grid paper
1	Instruction sheet, general
1	Instruction sheet for Vectorist
1	Etch-test board, copper 1 side
1	Resist ink felt-tip pen

### NEGATIVE METHOD PROFESSIONAL PC KIT



#### CONTENTS

- 1 Plastic Etching Tray (5 1/2" x 7 1/2")
- 2 Aluminum Developing Trays (4 1/4" x 6 1/2")
- 1 Etch Resist Ink Pen
- 1 Copper-Clad PC Board (4" x 6")
- 1 Copper-Clad PC Board (3" x 5")
- 1 PC Contact Frame
- 2 Mylar Sheets (8 1/2" x 11")
- 2 oz. Etch Resist Sensitizer
- 16 oz. PC Board Developing Solution
- Asst. PC Drafting Aids
- 6 oz. PC Board Etching Solution
- 1/2 oz. Etch Resist Lacquer
- 2 oz. PC Board Stripping Solution

*Reduced to Move!*

CONTAINS EVERYTHING NEEDED TO MAKE PROFESSIONAL QUALITY PRINTED CIRCUIT BOARDS USING THE NEGATIVE METHOD.

STOCK NO.	PRICE EACH
524-22-297	24.39

### POSITIVE TYPE DEVELOPER CONCENTRATE

FOR DEVELOPING PHOTO SENSITIZED PC BOARDS COATED OR PRE-COATED WITH POSITIVE TYPE ETCH RESIST. TO BE DILUTED WITH 3 PARTS WATER TO 1 PART DEVELOPER. 8 OZ WILL DEVELOP 10 TO 20 SQ. FT. OF PC BOARD.

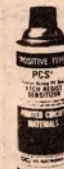


• 6 FL. OZ.

STOCK NO.	PRICE EACH	
	1	10
524-22-226	3.60	3.25

### PCS® POSITIVE-ACTING ETCH RESIST SENSITIZER

AN EXCELLENT PC BOARD-MAKING SYSTEM FOR TODAY'S HIGH DENSITY, FINE-LINE CIRCUIT BOARDS. EASY AEROSOL APPLICATION COVERS 5 TO 7 SQUARE FEET.



• 2 FL. OZ.

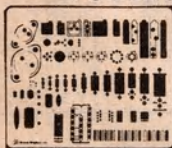
STOCK NO.	PRICE EACH	
	1	10
524-22-074	6.95	6.25



The Innovators

### Bishop Graphics, Inc. DRAFTING SYMBOLS

#### PC DESIGN TEMPLATE

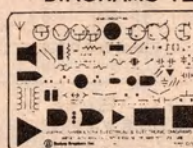


#### 1X SCALE

UNIVERSAL COMPONENT OUTLINES INCLUDING 9 AXIAL LEAD & 7 RADIAL LEAD COMPONENTS 5 TRANSISTOR OUTLINES. DIP, FLAT PACK AND ROUND ICs. 7 POTENTIOMETERS STYLES AND .1", .125" AND .156" CARD EDGE STRIPS. o SIZE: 5" X 6"

STOCK NO.	PRICE EACH
508-3365	14.85

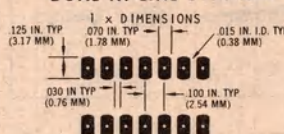
#### ELECTRICAL & ELECTRONIC DIAGRAMS TEMPLATE



ANSI Y32.2 AND IEEE STANDARD NO. 315, ALL POPULAR SCHEMATIC AND LOGICAL SYMBOLS NEEDED TO PRODUCE MOST ELECTRONIC DIAGRAMS.

STOCK NO.	PRICE EACH
508-3378	7.80

#### DUAL-IN-LINE SYMBOLS



STOCK NO.	SIZE	PINS	QTY.	PRICE PER PKG.
508-6014	1X	14	250	18.39
508-6038	2X	14	250	18.39
508-6004	1X	16	250	18.39
508-6109	2X	16	250	18.39
508-6535	1X	24	100	18.39
508-6536	2X	24	100	18.39

#### DONUT PADS QTY: 500 PER PKG.

STOCK NO.	O.D.	I.D.	PRICE PER PKG.
508-D136	.062"	.025"	7.49
508-D137	.093"	.031"	7.49
508-D101	.100"	.031"	7.49
508-D102	.125"	.031"	4.89
508-D138	.187"	.031"	4.80
508-D141	.250"	.031"	4.45
508-D114	.375"	.062"	6.25

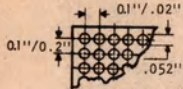
#### BLACK TAPE 20 YARD ROLLS

STOCK NO.	TAPE SIZE (INCHES)	PRICE EACH
508-201-031-11	.031	2.05
508-201-040-11	.040	2.05
508-201-050-11	.050	2.05
508-201-062-11	.062	2.09
508-201-100-11	.100	2.09
508-201-125-11	.125	2.09

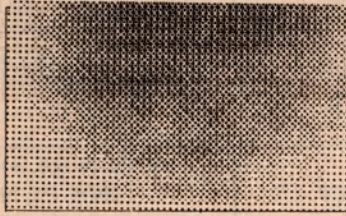


# MOUSER® Prototyping Boards

## PROTOTYPING GRID BOARDS



- PRE-PUNCHED
- .052" HOLE DIAMETERS
- 1/16" (.06") THICKNESS
- HIGH QUALITY

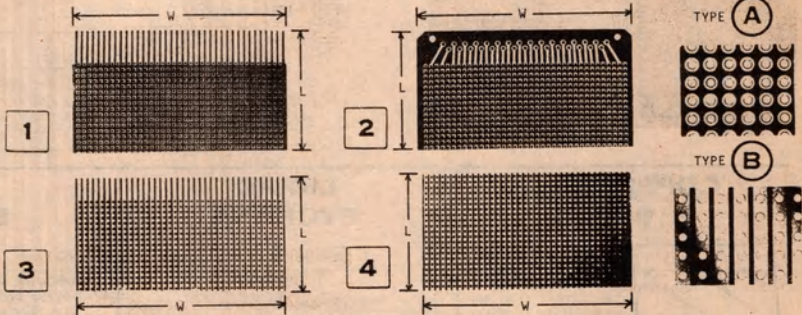


STOCK NO.	WIDTH	LENGTH	COPPERCLAD	PRICE EACH			
				1	10	50	100
<b>.100" GRID SPACING</b>							
ME153-1102	1.97"	5.91"	NONE	1.51	1.36	1.22	CALL FOR QUOTE
ME153-1105	5.91"	4.73"	NONE	2.86	2.60	2.36	
ME153-1106	5.91"	5.91"	NONE	3.51	3.20	2.91	
ME153-1108	5.91"	7.88"	NONE	4.67	4.24	3.83	
ME153-1112	5.91"	11.82"	NONE	6.87	6.24	5.70	
ME153-1120	5.91"	19.69"	NONE	10.93	10.18	9.26	
ME153-1220	5.91"	19.69"	1 SIDE	10.93	10.18	9.26	
<b>.200" GRID SPACING</b>							
ME153-1122	5.91"	19.69"	NONE	10.93	10.18	9.26	
ME153-1119	1.9"	16.69"	NONE	7.63	6.95	6.32	

## PLUG BOARDS

- AVAILABLE IN Y MATRIX OR PAD-PER-HOLE DESIGN
- FOR EDGE CARD, EUROCARD OR PLAIN
- COPPER CLAD 1 SIDE (35my)
- .100" GRID SPACING

- .040" HOLE DIAMETER
- 1/16" (.06") THICKNESS
- HIGH QUALITY EPOXY PAPER
- 37 HOLES WIDE

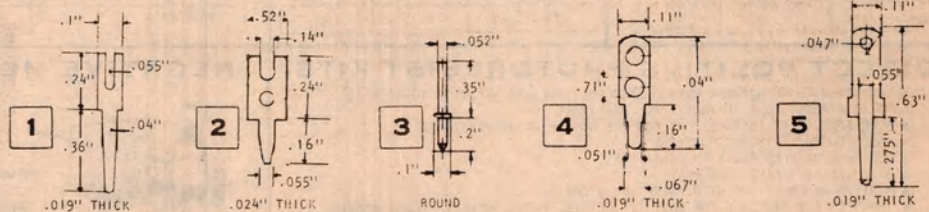


STOCK NO.	FIG.	TYPE	DESCRIPTION	WIDTH	LENGTH	PRICE EACH			
						1	10	50	100
ME153-1305	1	B	Y MATRIX, .100" CARD EDGE FINGERS	3.94"	6.29"	7.31	6.64	6.05	CALL FOR QUOTE
ME153-1307	2	A	PAD-PER-HOLE, FOR 32 PIN EUROCARD	3.94"	6.29"	7.31	6.64	6.05	
ME153-1308	2	A	PAD-PER-HOLE, FOR 64 PIN EUROCARD	3.94"	6.29"	7.31	6.64	6.05	
ME153-1309	3	A	PAD-PER-HOLE, .100" CARD EDGE FINGERS	3.94"	6.29"	7.31	6.64	6.05	
ME153-1318	4	B	Y MATRIX WITH CONTINUOUS HOLES	3.94"	6.29"	5.98	5.43	4.95	
ME153-1322	4	B	Y MATRIX WITH CONTINUOUS HOLES	3.94"	19.69"	16.99	15.51	14.11	

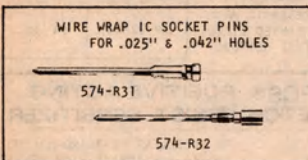
## PC BOARD PINS

MINIMUM ORDER = 4 PIECES

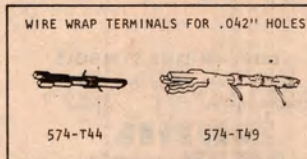
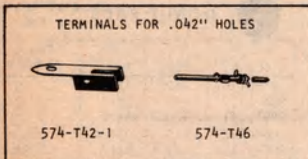
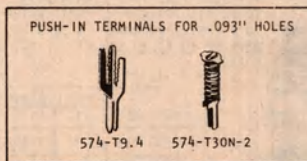
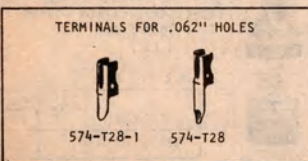
STOCK NO.	FIG.	PRICE EACH			
		4	100	1000	10000
ME153-1001	1	.09	.022	.019	CALL FOR QUOTE
ME153-1002	2	.09	.022	.019	
ME153-1003	3	.20	.050	.045	
ME153-1004	4	.17	.041	.037	
ME153-1005	5	.11	.029	.026	



## PUSH-IN TERMINALS



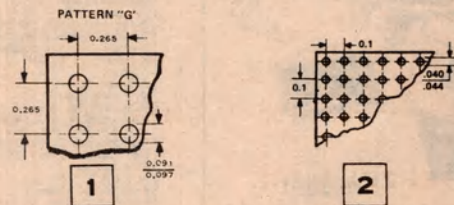
STOCK NO.	DIMENSIONS		
	A	B	DIA.
574-K24C	.255	.375	.04
574-K26C	.16	.195	.04
574-K27C	.16	.195	.024



STOCK NO.	QUANTITY PER PKG.	PRICE PER PKG.
574-K24C/1000	1000	33.44
574-K26C/1000	1000	21.26
574-K27C/1000	1000	24.40
574-R31/100	100	35.73
574-R32/100	100	27.14
574-T9.4/1000	1000	18.88
574-T28/1000	1000	15.25
574-T28-1/1000	1000	20.14

STOCK NO.	QUANTITY PER PKG.	PRICE PER PKG.
574-T30N-2/100	100	29.55
574-T42-1/100	100	2.11
574-T42-1/1000	1000	15.02
574-T44/100	100	2.82
574-T44/1000	1000	19.10
574-T46/100	100	5.14
574-T49/100	100	3.97
574-T49/1000	1000	35.79

## PRE-PUNCHED BOARDS



STOCK NO.	FIG.	DIMENSIONS			PRICE EACH	
		LONG	WIDE	THK.	1	20
574-64AA18	1	16.99	4.8	3/32	4.19	3.77
574-64P44XXX	2	4.5	6.5	1/16	2.19	1.83
574-169P44XXX	2	4.5	17.0	1/16	5.17	4.34
574-169P59XXX	2	6.0	17.0	1/16	6.93	5.82
574-169P44EP	2	4.5	17.0	1/16	7.17	6.41
574-169P84EP	2	8.5	17.0	1/16	12.22	10.26
574-64P44WE	2	4.5	6.5	1/16	2.97	2.56
574-84P44WE	2	4.5	8.5	1/16	3.49	2.94
574-169P44WE	2	4.5	17.0	1/16	6.88	5.78
574-169P84WE	2	8.5	17.0	1/16	13.34	11.21
574-169P59032	2	6.0	17.0	1/32	9.54	8.94
<b>PRE-PUNCHED BOARDS, COPPER CLAD ONE SIDE</b>						
574-169P44C1	2	4.5	17.0	1/16	8.54	7.62

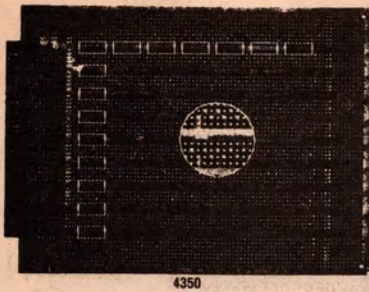
## DIRECT, POSITIVE PHOTO-RESIST COATED

- COPPER CLAD 1 SIDE • NOT DRILLED • 5 BOARDS PER LIGHT-PROOF PACKAGE

STOCK NO.	HOLE PAT.	DIMENSIONS			PRICE PER PKG. OF 5		
		LONG	WIDE	THK.	1	5	10
574-CU6SR45-1	—	6.5	4.5	1/16	16.06	15.06	14.56
574-CU4SR27-1	—	4.5	2.73	1/16	14.34	13.44	12.96



# Vector Plug Boards



4350

## 4350 : VOLTAGE PLANES (TI 980)

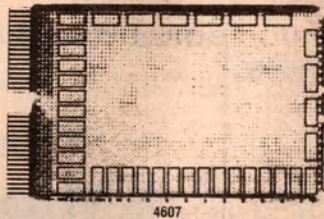
- Full power and ground planes, solder plated (Fig. 1)
- Unclad punched area for I/O connectors, test points, etc.
- .042" diameter unplated holes on 0.1" grid
- Edge contact: 80-pin, 40 each side, on .125" centers
- Mounts 63 16-pin DIP IC devices; accepts 24-pin DIPs
- Ample holes for decoupling capacitors at any DIP position
- Hole marking legend provided



4609

## 4609: 2-HOLE SOLDER PADS & BUSES (Apple II, II+ & Super-Kim)

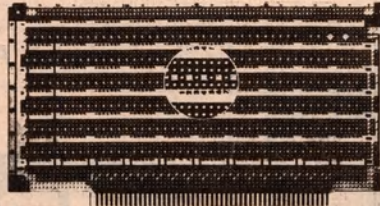
- For soldering or wire wrapping
- For I/O, peripheral interfacing, experiments or memory expansion
- Heavy dual bus between DIP leads for short, easy bend-and-solder connections
- Uncommitted pattern for any size IC; solder plated
- .042" diameter drilled holes on 0.1" grid
- Mounts 22 16-pin DIP IC devices
- Edge contacts: (1) 50-pin, 25 each side, on 0.1" centers for chassis connection; (1) 40-pin, 20 each side, on 0.1" centers for ribbon cable connection
- Fast solder mounting of DIP IC devices, wrap post sockets, etc.
- Board length is 7.70" with extra 1.9 sq. inch bare area; fits in computer



4607

## 4607: CONTACTS ONLY (DEC LSI-11 & PDP-8 & -11)

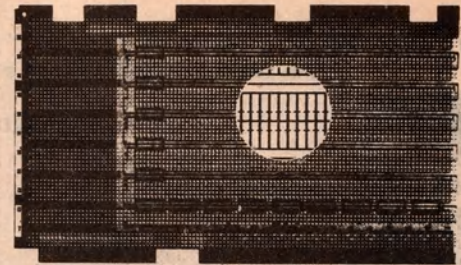
- Unlimited component placement
- Board is supplied with edge contacts only
- Mounts 85 16-pin DIP IC devices, or mix
- .042" diameter unplated holes on 0.1" grid
- Component area is 48 x 69 holes
- Edge contacts: (2) 36-pin, 18 each side, on .125" centers



8804

## 8804: VOLTAGE PLANES

- For wire wrapping
- Full power and ground planes back-to-back with offset pads for connection anywhere on the board
- Mounts 70 16-pin DIP IC devices
- Hole marking legend provided
- Mounting holes provided for heat sink and 2 regulators
- One regulator position is prewired for power, ground and regulated output
- Two rows of pads provided for ribbon wire I/O connectors
- Edge contact: 100-pin, 50 each side, on .125" centers
- Power connected to pins 1 & 51; ground connected to pins 50 & 100
- One heat sink with mounting hardware included



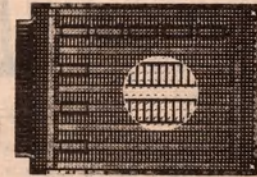
4608 Wiring side

## FEATURES

- 3 I/O CONNECTORS
- .042" DIAMETER HOLES ON 0.1" GRID
- LAYOUT PAPER & INSTRUCTIONS
- EJECTOR HOLES
- FLAME RETARDANT

## 4608: 3-HOLE SOLDER PADS & 2 BUSES

- For soldering or wire wrapping
- Mounts 54 16-pin DIP IC devices or combinations
- Easy interconnections to 3-hole pads with wire and component leads
- Quick solder mounting of wrap post or solder DIP sockets
- Large power and ground buses on both sides
- Dual bus under DIPs for easy power and ground connection
- Prewired for regulator
- 5 gold plated edge connectors (3 top I/O)
- Bare area for solid state relay, electromechanical relays, heat sinks, etc.



4610

## COMMON FEATURES

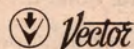
- LAYOUT PAPER & INSTRUCTIONS
- 56 CONTACTS, 28 EACH SIDE, ON 0.125" CENTERS
- FLAME RETARDANT
- EJECTOR HOLES

## 4610: 3-HOLE SOLDER PADS & BUSES

- For soldering or wire wrapping
- Interposed power and ground buses
- 3-hole pads for jumpered connections
- Component side has contacts only
- .042" diameter holes on 0.1" grid
- Pads at top for ribbon cable I/O connector

- Mounts 20 16-pin DIP IC devices; or any .3, .6, .9 widths
- STD Bus standard: 5 volt bus terminates to pins 1 & 2; ground bus terminates to pins 3 & 4

STOCK NO.	SIZE			16 PIN DIP CAPACITY	PRICE EACH			
	W	L	THICK		1	5	10	25
574-4350	7.0	9.6	1/16	63	31.86	29.94	28.87	CALL FOR QUOTE
574-4607	5.19	8.43	1/16	85	22.72	21.30	20.59	
574-4608	12.06	6.75	1/16	54	78.22	73.88	71.43	
574-4609	7.7	3.06	1/16	22	28.08	26.33	25.45	
574-8804	10.0	5.3	1/16	70	30.11	27.53	25.99	
574-4610	4.50	6.50	1/16	20	23.97	21.96	21.33	



# Wire Wrapping Tools

## TEFZEL WIRE FOR WIRE-WRAPPING



- 28 GAGE
- SILVER PLATED
- 5 MIL THICK INSULATION
- RATED AT 150°C
- ELECTRIC STRENGTH OF 450 VOLTS PER MIL

2 SPOOLS OF 50' EACH

STOCK NO.	COLOR	PRICE PER PACKAGE
574-W28-6B	RED	6.35
574-W28-6A	GREEN	6.35
574-W28-6E	WHITE	6.35
574-W28-6F	YELLOW	6.35

## MANUAL SLIT-N-WRAP TOOL

HAS ADJUSTABLE TENSION REGULATOR SPRING FOR OPTIMUM WIRE TENSION. SUPPLIED WITH TWO 50' SPOOLS OF #28 GAGE TEFZEL INSULATED WIRE AND A NO. 02 BIT INSTALLED



## MANUAL TOOL

STOCK NO.	PRICE EACH	
	1	5
574-P184	39.73	37.25

## MANUAL UNWRAP TOOL

P160-1B UNWRAPS #26 THRU #30 GAGE WIRE MANUALLY. OUTER SPRING LOADED SLEEVE RETAINS WIRE AFTER UNWRAPPING AND EJECTS WIRE. THE UNWRAPPING BIT IS RECESSED FAR ENOUGH INTO THE SLEEVE TO PERMIT UNWRAPPING MORE THAN THE MAXIMUM AMOUNT OF TURNS NEEDED ON .025" SQUARE WRAP POSTS.



## Unwrap Tool

STOCK NO.	PRICE EACH	
	1	5
574-P160-1B	15.67	14.69

"SAME DAY" SHIPMENT IF ORDERED BY 2:00 P.M.



# Global Specialties

## POWERED PROTO BOARD

... with built-in short-proof regulated power supplies!

THE ULTIMATE IN PROTOTESTING. ALL METAL CASES WITH TWO-TONE FINISH.



### OUTPUT SPECIFICATIONS

OUTPUT VOLTAGE  
15V, INTERNALLY ADJUSTABLE  
RIPPLE AND NOISE  
1/4AMP 10 MILLIVOLTS  
LOAD REGULATION  
BETTER THAN 1%

### PROTOBOARD

3 QT-595 SOCKETS  
4 QT-598 BUS STRIPS  
1 QT-478 BUS STRIP  
FUSE, POWER SWITCH  
9.75" L x 6.6" W x 3.25" H  
WEIGHT 5.5 lbs.  
5V, 1AMP REGULATED POWER SUPPLY  
(SAME AS PB203)  
+15V, 1/2AMP REGULATED POWER SUPPLY  
-15V, 1/2AMP REGULATED POWER SUPPLY

- READY TO USE, JUST PLUG IN AND START BUILDING
- SELF-CONTAINED WITH POWER SWITCHES
- INDICATOR LAMPS AND POWER FUSES
- TWENTY-FOUR 14-PIN DIP CAPACITY

STOCK NO.	PRICE EACH
510-PB-203A	183.00

## 1300 TRIPLE POWER SUPPLY



THE TRIPLE DC POWER SUPPLY MODEL SHOWN ABOVE PROVIDES ONE FIXED OUTPUT AND TWO CONTINUOUSLY VARIABLE OUTPUTS, WHICH CAN BE USED INDEPENDENTLY OR INTERCONNECTED.

### FIXED OUTPUT

- 5VDC AT 1.0A MAXIMUM
- LINE REGULATION OF 0.2%
- LOAD REGULATION OF 1.0%
- MAXIMUM RIPPLE OF 10mV P-P

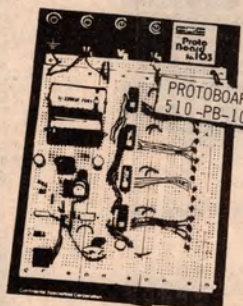
### VARIABLE OUTPUTS

- 0 TO 20 VDC AT 0.25A MAXIMUM
- LINE REGULATION OF 0.05%
- LOAD REGULATION OF 0.1%
- MAXIMUM RIPPLE OF 10mV P-P

STOCK NO.	PRICE EACH
510-1300	126.00

## PROTO BOARDS

### 6 EXPANDED BREADBOARDS



STOCK NO.	DESCRIPTION	PRICE EACH
510-PB-102	12 14-PIN DIP CAPACITY 1240 SOLDERLESS TIE POINTS	37.00
510-PB-103	24 14-PIN DIP CAPACITY 2250 SOLDERLESS TIE POINTS	53.00
510-PB-104	32 14-PIN DIP CAPACITY 3060 SOLDERLESS TIE POINTS	73.95

## 1301 TRIPLE POWER SUPPLY



THE TRIPLE DC POWER SUPPLY MODEL SHOWN ABOVE PROVIDES ONE FIXED OUTPUT AND TWO CONTINUOUSLY VARIABLE OUTPUTS, WHICH CAN BE USED INDEPENDENTLY OR INTERCONNECTED.

### FIXED OUTPUT

- 5V AT 1.0A
- LINE REGULATION OF 0.2%
- LOAD REGULATION OF 1%
- MAXIMUM RIPPLE OF 5mV P-P

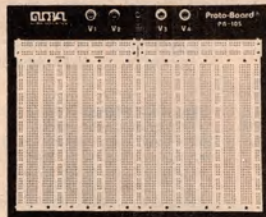
### VARIABLE OUTPUTS

- 5 TO 18 AT 0.5A
- LINE REGULATION 0.5%
- LOAD REGULATION 1%
- MAXIMUM RIPPLE 10mV P-P

STOCK NO.	PRICE EACH
510-1301	231.00

## SUPERBOARD Largest Breadboard Available! 50% More Space

- 6 QT-595 SOCKETS
- FOUR QT-478, AND SEVEN QT-598 BUS STRIPS
- 48 14-PIN DIP CAPACITY
- 5 BINDING POSTS-4 RED, 1 BLACK
- BASE PLATE 9.2x11.4x1.4 INCHES
- CONTACT RESISTANCE: LESS THAN .5 MILLIOHMS



STOCK NO.	PRICE EACH
510-04-1050	95.00

## LOGIC PROBES



- PORTABLE, HAND HELD
- CIRCUIT POWERED
- REPLACEABLE PROBES

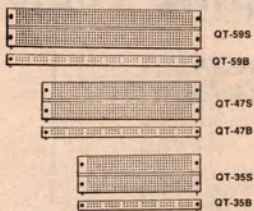
IDEAL FOR QUICK ACCURATE CHECKS OF CIRCUIT PERFORMANCE.

STOCK NO.	INPUT IMPEDANCE	MIN PULSE	RESPONSE FREQ.	PULSE MEMORY	PRICE EACH
<b>DIGITAL</b>					
510-LP-1	120K	50ns	10mHz	YES	19.95
510-LP-3	500K	10ns	70mHz	YES	59.95
<b>ECL</b>					
510-LP-4	10K	3ns	100mHz	YES	165.00

## QuickTest sockets AND BUS STRIPS

EXPANDABLE, INTER-LOCKING BREADBOARDING SYSTEM SAVES HOURS OF SOLDERING, DESOLDERING AND RESOLDERING.

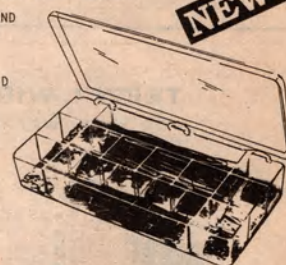
STOCK NO.	LGTH	HOLE TO HOLE	TERMINALS	PRICE EACH
510-QT-595	6.5"	6.2"	118	9.00
510-QT-598	6.5"	6.2"	20	3.50
510-QT-475	5.3"	5.0"	94	7.60
510-QT-478	5.3"	5.0"	16	3.00
510-QT-355	4.1"	3.8"	70	6.30
510-QT-358	4.1"	3.8"	12	2.25



## COLOR CODED WIRE JUMPER ASSORTMENT

SOLDERLESS BREADBOARDING IS THE QUICKEST AND SIMPLEST WAY TO DESIGN AND TEST ELECTRONIC CIRCUITS. WIRE JUMPER KIT CONTAINS 350 PRE-CUT, PRE-STRIPPED AND PRE-FORMED #22 GAUGE SOLID HOOK-UP WIRE JUMPERS IN COLOR CODED LENGTHS. THIRTEEN DIFFERENT LENGTHS ARE SUPPLIED TO INSURE THE RIGHT JUMPER FOR EVERY DESIGN.

STOCK NO.	PRICE EA.			
	1	5	10	25
510-WK-1	13.99	13.72	13.58	CALL FOR QUOTE



## EXPERIMENTAL SOCKETS

### EXP. SOCKET INTERCONNECTIONS



DESIGNED FOR IC BREADBOARDING

THE .3" CENTER CHANNEL ACCOMMODATES SMALL IC'S. THE .6" CHANNEL FOR LARGER IC'S INCLUDING PROMS, ROMS, AND OTHER LARGE IC'S.

STOCK NO.	SIZE	TIE POINTS	BUS POINTS	CENTER CHANNEL	PRICE EACH
510-EXP-325	1.9" x 2.1"	130	26	.3"	3.75
510-EXP-350	3.6" x 2.1"	230	40	.3"	6.00
510-EXP-300	6.0" x 2.1"	470	80	.3"	8.50
510-EXP-600	6.0" x 2.4"	470	80	.6"	11.00

## PROTO CLIPS

NARROW, DEEP THROAT BRINGS IC LEADS UP FROM CROWDED PC BOARDS FOR FAST SIGNAL TRACING.



STOCK NO.	NO. OF PINS	PRICE
510-PC-14	14	4.95
510-PC-16	16	5.45
510-PC-24	24	9.00
510-PC-40	40	14.00

## LOGIC MONITOR

AUTOMATICALLY AND ACCURATELY DISPLAYS STATIC AND DYNAMIC LOGIC STATES OF DIGITAL IC'S. WORKS WITH DTL, HTL, TTL, 6 CMOS DUAL-INLINE IC'S. BRIGHT 16-LED DISPLAY ELIMINATES HUNTING FOR POWER LEADS AND WORRIES ABOUT ACCIDENTAL SHORTS OR GROUNDING.



STOCK NO.	PRICE EA
510-LM-1	79.00

## 3000 CAPACITANCE METER



- HAND-HELD, BATTERY OPERATED
- OFFERS 3 1/2 DIGIT RESOLUTION
- ACCURATE READINGS FROM 1pF TO 2,000uF

STOCK NO.	PRICE EA.
510-3000	131.00



# Test Equipment

## 3001 CAPACITANCE METER



- ACCURATE READINGS FROM 1pf TO 199,900uf
- FUSE PROTECTED INPUT
- ZERO CALIBRATION ADJUSTMENT
- 2MHz CRYSTAL OSCILLATOR
- INCLUDES #335 TEST CABLE AND #336 TEST CLIPS

STOCK NO.	PRICE EACH
510-3001	393.00

## 4001 PULSE GENERATOR



- PULSE WIDTH, SPACING, INDEPENDENTLY VARIABLE
- FOUR MODES-RUN, TRIGGERED, GATED, ONE-SHOT
- VARIABLE DUTY CYCLE OVER 10 MILLION-TO-ONE RANGE
- SEPARATE TTL OUTPUT, DRIVES 40 TTL LOADS
- VARIABLE OUTPUT, 0.1 TO 10 VOLTS, CONSTANT 50 Ohm

STOCK NO.	PRICE EACH
510-4001	278.00

## LIL' BITTY TESTER™

A NEW AND INEXPENSIVE WAY TO TEST:

- TRANSISTORS
- BRIDGE RECTIFIERS
- LED'S
- BIPOLAR LED'S
- DIODES
- CIRCUIT CONTINUITY
- FET'S
- SCR'S
- TRIACS
- FUSES
- LAMPS

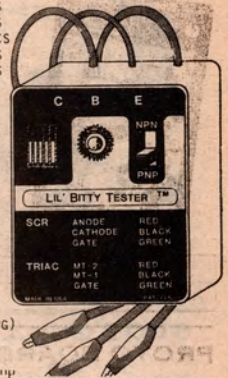
FEATURES:

- BUILT-IN SELF-TEST NO ADJUSTMENT OR CALIBRATION REQUIRED.
- LED AND AUDIBLE TONE INDICATORS.
- 24" COLOR CODED TEST LEADS WITH ALIGATOR CLIPS.
- OVER 75 HOURS OF TESTING ON A SINGLE 9V BATTERY

SPECIFICATIONS:

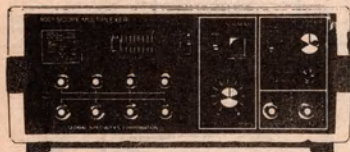
- POWER: STANDARD 9V BATTERY (NOT SUPPLIED-SEE BATTERY PG)
- MAX. CURRENT: 194ma
- AVG. TEST CURRENT: 181ma
- SIZE: 3-1/32"L, 2-7/16"W, 7/8"H
- WEIGHT: 2.8oz (W/O BATTERY)

\* CAUTION: NOT RECOMMENDED FOR TESTING BEYOND 28 VOLTS AC OR DC.



STOCK NO.	PRICE EACH
538-LBT-2	49.95

## 8001 SCOPE MULTIPLEXER



- INPUTS: 8 CHANNEL CAPABILITY
- ANALOG AND DIGITAL APPLICATIONS
- BOARD BANDWIDTH: FLAT TO 12MHz, -3db@20MHz
- BUILT IN SCOPE SYNCHRONIZATION
- UNIQUE TRIGGER CIRCUITRY

STOCK NO.	PRICE EACH
510-8001	472.50

## 5001 UNIVERSAL COUNTER-TIMER



- MEASURES FREQUENCY, PERIOD, INTERVAL AND COUNTED EVENTS
- VARIABLE TO 7.5sec. DELAY BETWEEN MEASUREMENT CYCLES
- TWO INPUT CHANNELS

- FULL SIGNAL CONDITIONING ON BOTH INPUTS
- MEASURES DC TO 10MHz
- VERSATILE AND EASY TO USE

STOCK NO.	PRICE EACH
510-5001	420.00

## 6000 FREQUENCY COUNTER



- 5 Hz to 650 MHz RANGE
- SWITCHABLE LOW PASS 60 KHz FILTER
- SELECTABLE 0.1, 1.0 AND 10 SECOND GATE TIMES
- EASY-TO-READ 8 DIGIT LED DISPLAY
- EASY TOUCH PUSH BUTTON CONTROLS
- STREAM-LINED ULTRAFUNCTIONAL FRONT PANEL

STOCK NO.	PRICE EACH
510-6000	446.00

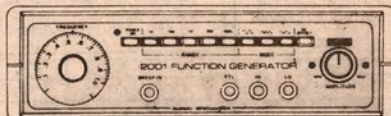
## MAX-50 FREQUENCY COUNTER



- GUARANTEED FREQUENCY RANGE OF 100Hz TO 50MHz
- 6 DIGIT DISPLAY WITH LEAD-ZERO BLANKING
- BUILT IN INPUT OVERVOLTAGE PROTECTION
- BATTERY OR AC POWERED
- FULLY AUTOMATIC-RANGE, POLARITY, SLOPE AND TRIGGER

STOCK NO.	PRICE EACH
510-MAX-50	95.00

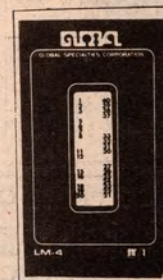
## 2001 FUNCTION GENERATOR



- CONTINUOUSLY VARIABLE FROM 1Hz TO 100KHz
- SEPARATE TTL OUTPUT
- VARIABLE DC OFFSET
- SWEEP 100: 1W/TH + 10 VOLTS INPUT
- HIGH, LOW LEVEL 6000hm VARIABLE OUTPUT
- MANY APPLICATIONS

STOCK NO.	PRICE EACH
510-2001	178.50

## 40 CHANNEL LOGIC MONITOR



- DIMENSIONS: 5.9"L x 3.2"W x 1.2"H
- 12 oz
- 40 INDEPENDANT CHANNELS
- INPUT ~24" RIBBON CABLE TERMINATED TO A 40 PIN TEST CLIP

THE LM-4 IS A NEW POCKET SIZED LOGIC MONITOR WHICH DISPLAYS THE STATIC OR DYNAMIC LOGIC STATUS OF ALL 40 PINS SIMULTANEOUSLY WHEN CLIPPED TO A 40 PIN DIP.

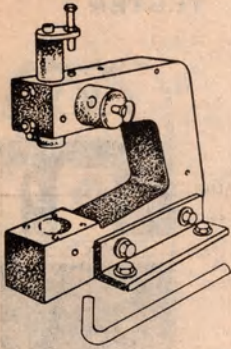
STOCK NO.	PRICE EACH
510-LM-4	250.00

CONVENIENT "SCHEDULED DELIVERIES"



# MOUSER® Metal Working Press

• CUTS, FORMS, BENDS, PUNCHES! • IDEAL FOR PROTOTYPING OR PRODUCTION • MAKE YOUR OWN PANELS, CHASSIS OR CABINETS



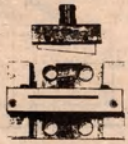
- THE ONLY PRESS ON THE MARKET DESIGNED SPECIFICALLY FOR THE ELECTRONICS AND COMPUTER INDUSTRY.
- COMPACT HIGH TENSILE STEEL FRAME
- PRESSURE CAPABILITY: 3000 LBS MAX (FULL STROKE)

THIS BENCH-MOUNTING, HAND-OPERATED LEVER PRESS IS SPECIFICALLY DESIGNED TO MANUFACTURE SHEET MATERIAL INTO PROTOTYPES AND FOR PRODUCTION RUNS. IT CAN PERFORM MOST OF THE CONVENTIONAL FABRICATION PROCESSES ASSOCIATED WITH MUCH LARGER AND MORE COSTLY MACHINES. IT IS IDEAL FOR THE MANUFACTURER OF SHEET METAL AND PLASTIC COMPONENTS FOR PRODUCTION OR DEVELOPMENT WORK. THE FRAME IS MADE OF HIGH QUALITY CARBON STEEL WHICH IS THEN STOVE ENAMELLED. A WIDE VARIETY OF PUNCHING, CUTTING AND FORMING TOOL ACCESSORIES AVAILABLE SEPARATELY, WILL PROVIDE AN INVALUABLE SERVICE FOR SHEET MATERIAL WORKING IN BOTH WORKSHOP AND PRODUCTION ENVIRONMENTS. THE BASIC PRESS IS SUPPLIED WITH A HANDLE, TWO BENCH MOUNTING BRACKETS, FIXINGS, AN ADJUSTABLE VERTICAL STOP SCREW, NUT AND WASHER, A GRUB SCREW AND A SET OF HEXAGON KEYS FOR ALL FITTINGS.

STOCK NO.	PRICE EACH
38RA005	517.49

PARAMETER	DIMENSIONS
OVERALL LENGTH	10.6"
MAX HEIGHT EXCL. LEVER	13.2"
WIDTH INCL. MTG. BRACKETS	6.5"
THROAT DEPTH	5.9"
CLEARANCE	3.27"
STROKE LENGTH (STOP FITTED)	.24" TO 2.36"
RAM SPIGOT HOLE DIA.	.71"
DEPTH	.07"
BASE CENTRAL DIE HOLE DIA.	1.5"
AND 4 HOLED F.C.	2.17"x1.38"x.31"
BENCH MTG 4 HOLES F.C.	5.9"x3.7", .39" CLEAR
PRESS WEIGHT	31.3 LBS.

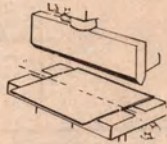
## SLOT GUILLOTINE



SLOT GUILLOTINE THAT IS USED FOR CUTTING AND SLOTTING WITHOUT DISTORTING THE MATERIAL AND WITH HIGH ACCURACY, THE CUT SLOT IS .12"x 2.76"

STOCK NO.	PRICE EACH
38RA515	164.49

## "V" BENDING TOOL



"V" BENDING TOOL FOR BOX AND PANEL FABRICATIONS INCLUDES FIVE BENDING PUNCHES IN LENGTHS OF 1.97", 2.95, 3.94", 4.92" AND 5.91". THE BASEPLATE IS 6.3" LONG AND HAS A 90° GROOVE TO ALLOW BENDS UP TO 90°

STOCK NO.	PRICE EACH
38RA115	160.99

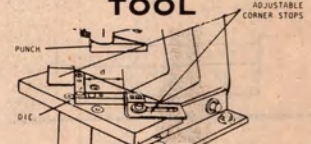
## LOUVRE TOOL



LOUVRE FORMING TOOL IS USED FOR FORMING VENTILATION APERTURES. APERTURE SIZE IS 1.73"x.39"

STOCK NO.	PRICE EACH
38RA215	145.99

## CORNER NOTCHING TOOL



CORNER NOTCHING TOOL IS USED FOR PRECISE 90° ANGLES. ADJUSTABLE STOPS MAKE CONTINUOUS PRODUCTION EASY AND IT IS PARTICULARLY USEFUL FOR BOX MAKING

STOCK NO.	PRICE EACH
38RA015	155.99

## SHEAR AND CROPPING LEVER



SHEAR AND CROPPING LEVER WITH IT'S COMFORTABLE PVC HANDGRIP GIVES SUBSTANTIAL SHEARING ACTION AND ENABLES .08" ALUMINIUM OR .06" 16 SWG MILD STEEL TO BE CUT. COMES COMPLETE WITH MOUNTING BRACKET TO USE WITH PRESS

STOCK NO.	PRICE EACH
38RA525	110.29

## STRIPPERS



"U" SHAPED STRIPPERS THAT ARE USED TO SEPARATE THE WORKPIECE FROM THE PUNCH AFTER OPERATION WHICH ALLOWS CONTINUOUS PUNCHING WITHOUT RESETTING.

STOCK NO.	APERTURE	PRICE EACH
38RA402	.65"	9.29
ME301-7003	.89"	7.69

## NIBBLING TOOL



THE NIBBLING TOOL IS USED TO RAPIDLY NIBBLE LARGE AND SMALL RECTANGULAR, OR SQUARE HOLES IN FIBERGLASS AND S.R.B.P. BOARDS, ALUMINIUM AND MILD STEEL.

STOCK NO.	PRICE EACH
38RA035	27.89

## SIDE STOP



THE ADJUSTABLE SIDE STOP FITS EITHER SIDE OF THE PRESS AND IS FOR BOTH VERTICAL AND HORIZONTAL ADJUSTMENT. MAXIMUM ADJUSTMENT FROM RAM CENTER IS 1.62" TO 8.67". MAXIMUM VERTICAL ADJUSTMENT IS .79"

STOCK NO.	PRICE EACH
38RA700	18.39

## CENTERING POINT



A CENTERING POINT FOR MAKING SIDE AND BACK STOP REFERENCES WHICH FITS INTO THE CENTRAL HOLE OF THE PRESS

STOCK NO.	PRICE EACH
38RA800	14.59

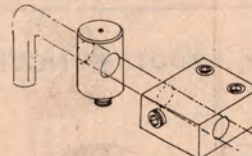
## BACK STOP



AN ADJUSTABLE BACK STOP THAT IS USED TO SUPPORT SHEET MATERIAL. THE MAXIMUM ADJUSTMENT FROM RAM CENTER IS 5.9"

STOCK NO.	PRICE EACH
38RA300	19.49

## CIRCLE CUTTER



THIS ADJUSTABLE CUTTING ATTACHMENT PROVIDES FOR CUTTING VARIOUS SIZED CIRCULAR PLATES. IT IS ADJUSTABLE TO REQUIRED PLATE CIRCUMFERENCE

STOCK NO.	PRICE EACH
38RA425	48.29

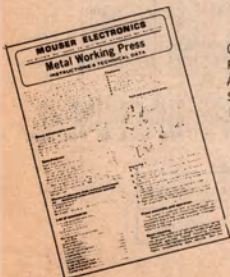
## PCB GUIDE PANEL SUPPORT



THE PCB GUIDE TOOL WILL FORM LOOPED LUGS THAT ARE IDEAL FOR USE AS SLIDES OR FOR FIXING PANELS AND PRINTED CIRCUIT BOARDS

STOCK NO.	PRICE EACH
ME301-7004	76.58

## 38RA005 METAL WORKING PRESS INSTRUCTION SHEET



CONTAINS AN IN-DEPTH LOOK AT THE MOUSER METAL WORKING PRESS, INCLUDING ALL INSTRUCTIONS AND TECHNICAL DATA. A COMPLETE LISTING OF OPERATING PROCEDURES AND ACCESSORIES REQUIRED FOR SPECIFIC FORMING PROCESSES IS INCLUDED.

STOCK NO.	DESCRIPTION	PRICE EACH
998-508	METAL WORKING PRESS INSTRUCTION SHEET	.25

## DOMED FOOT INDENT TOOL



THE DOMED FOOT/INDENT TOOL IS USED TO FORM "FEET" ON THE UNDERSIDE OF ENCLOSURES

STOCK NO.	PRICE EACH
ME301-7005	38.17



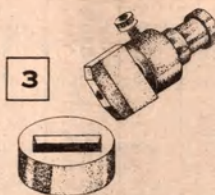
# MOUSER® Punches and Dies For Mouser Press

## CIRCULAR PUNCHES



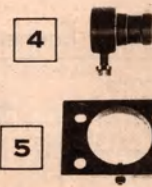
STOCK NO.	FIG.	SIZE (DIA)	PRICE EACH
38RA131	1	3mm	13.39
38RA132	1	3.5mm	13.39
38RA133	1	4mm	13.39
38RA134	1	4.5mm	13.39
38RA135	1	5mm	13.39
38RA136	1	5.5mm	13.39
38RA137	1	6mm	13.39
38RA138	1	7mm	13.39
38RA139	1	8mm	13.39
38RA140	1	9mm	13.39
38RA141	1	10mm	13.39
38RA142	1	11mm	13.39
38RA143	1	12mm	13.39
38RA171	2	12.5mm	9.89
38RA172	2	14.5mm	10.49
38RA173	2	16.5mm	11.39
38RA174	2	20mm	11.89
38RA175	2	22.5mm	12.29
38RA176	2	25mm	13.29
38RA177	2	27.5mm	14.19
38RA261	1	1/8"	14.94
38RA262	1	3/16"	14.94
38RA263	1	1/4"	14.94
38RA264	1	5/16"	14.94
38RA265	1	3/8"	14.94
38RA266	1	7/16"	14.94
38RA281	2	1/2"	12.29
38RA282	2	5/8"	12.64
38RA283	2	3/4"	13.79
38RA284	2	7/8"	13.99
38RA285	2	1"	14.94

## RECTANGULAR PUNCHES



STOCK NO.	FIG.	SIZE (mm)	PRICE EACH
38RA202	3	13.7x11.1	31.68
38RA203	3	15.9x13	34.49
38RA204	3	28.2x22.5	42.28
38RA205	3	28.4x11.4	43.69
38RA206	3	28x21	44.99
38RA207	3	29.4x22	45.45
38RA208	3	28.3x23.3	46.53

## DIE HOLDERS



STOCK NO.	FIG.	DESCRIPTION	PRICE EACH
38RA191	4	SPIGOT ADAPTOR FOR USE WITH 1/2", 5/8", 12.5, 14.5 AND 16.5mm PUNCHES	3.77
38RA181	5	FOR USE WITH 12.5mm TO 27.5mm AND 1/2" TO 1" DIES.	19.93
38RA201	5	FOR USE WITH RECTANGULAR PUNCHES AND DIES.	19.43
ME381-7006	5	FOR USE WITH ROUND PUNCHES AND DIES 3mm-12mm; 1/8"-7/16"	19.49

## PUNCH AND DIE BOXED SETS

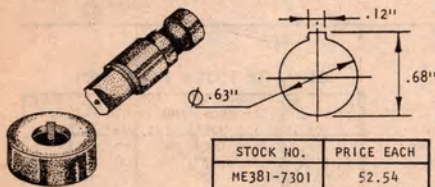


A SERIES OF FOUR BOXED PUNCH AND DIE SETS COVERING THE METRIC AND STANDARD RANGES INCLUDING DIEHOLDERS AND STRIPPER. EACH SET OF PARTS IS CONVENIENTLY AND SAFELY STORED INDIVIDUALLY IN POLYSTYRENE INSERTS WITHIN A STRONG STEEL BOX (HINGED TOP WITH CATCH).

STOCK NO.	SIZE RANGE INCLUDED	PRICE EACH
38RA093	3mm TO 12mm DIA.	234.59
38RA096	1/8" TO 7/16" DIA.	132.25
38RA097	12.5mm TO 27.5mm DIA.	128.99
38RA099	1/2" TO 1" DIA.	114.99

## DIN SOCKET PUNCH AND DIE

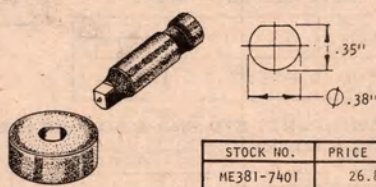
A PUNCH AND DIE THAT WILL PUNCH A HOLE THAT WILL FIT ALL STANDARD DIN CHASSIS SOCKET. DIAGRAM SHOWS ACTUAL DIMENSIONS OF PUNCHED HOLE.



STOCK NO.	PRICE EACH
ME381-7301	52.54

## BNC PUNCH AND DIE

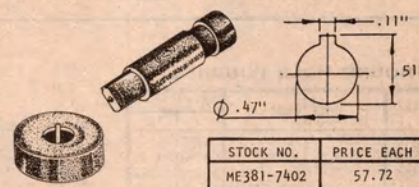
A PUNCH AND DIE THAT WILL PUNCH A HOLE THAT WILL FIT ALL STANDARD BNC ROUND SOCKET. DIAGRAM SHOWS ACTUAL DIMENSIONS OF PUNCHED HOLE.



STOCK NO.	PRICE EACH
ME381-7401	26.82

## BNC INSULATOR PUNCH AND DIE

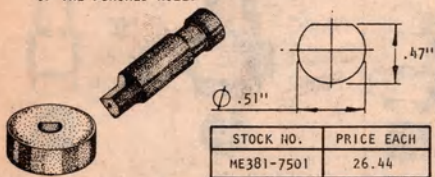
A PUNCH AND DIE THAT WILL PUNCH A HOLE THAT WILL FIT ALL BNC SOCKET INSULATORS. DIAGRAM SHOWS THE ACTUAL DIMENSIONS OF THE PUNCHED HOLE.



STOCK NO.	PRICE EACH
ME381-7402	57.72

## UHF SOCKET PUNCH AND DIE

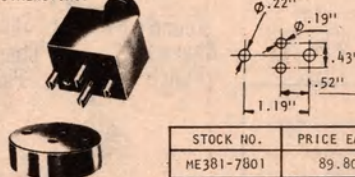
A PUNCH AND DIE THAT WILL PUNCH A HOLE THAT WILL FIT ALL 20mm FUSE HOLDERS AND UHF ROUND SOCKETS. DIAGRAM SHOWS THE ACTUAL DIMENSIONS OF THE PUNCHED HOLE.



STOCK NO.	PRICE EACH
ME381-7501	26.44

## TO-3 TRANSISTOR MOUNTING PUNCH AND DIE

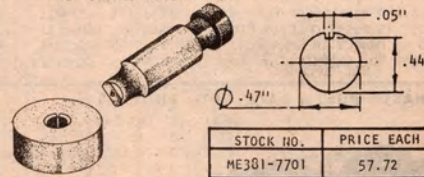
THIS PUNCH AND DIE SET, WHICH INCLUDES ITS OWN STRIPPER, WILL PUNCH A HOLE FOR MOUNTING ANY TO-3 TRANSISTOR. DIAGRAM SHOWS HOLE DIMENSIONS.



STOCK NO.	PRICE EACH
ME381-7801	89.80

## TOGGLE SWITCH PUNCH AND DIE

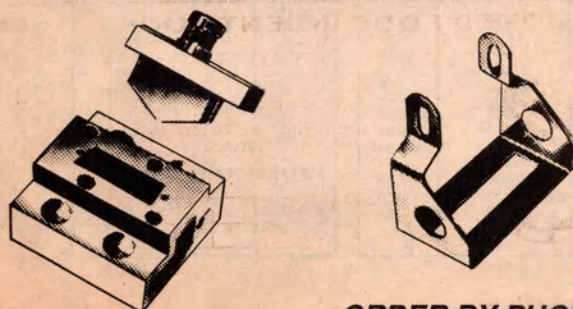
A PUNCH AND DIE SET THAT WILL PUNCH A HOLE THAT WILL FIT MOST STANDARD TOGGLE SWITCHES. THE DIAGRAM SHOWS THE ACTUAL DIMENSIONS OF THE PUNCHED HOLE.



STOCK NO.	PRICE EACH
ME381-7701	57.72

## D-SUB CONNECTOR PUNCH AND DIE SETS

THESE D-SUBMINUTURE CONNECTOR PUNCH AND DIE SETS ARE MANUFACTURED FROM HIGH QUALITY STEEL. ALL CUTTING EDGES ARE GRIND FOR WORKING ON A VARIETY OF SHEET MATERIALS. A STRIPPING TOOL IS AVAILABLE FOR CONTINUOUS HOLE PUNCHING WITHOUT HAVING TO RESET.



## PUNCH AND DIE SETS

STOCK NO.	NO. OF PINS	MOUNTING	CUTOUT SIZE (IN.)		PRICE EACH	
			LENGTH	WIDTH	1	5
ME381-7601	9	FRONT	.84	.51	170.99	155.46
ME381-7602	9	REAR	.78	.44	170.99	155.46
ME381-7603	15	FRONT	1.17	.51	170.99	155.46
ME381-7604	15	REAR	1.11	.44	170.99	155.46
ME381-7605	25	FRONT	1.71	.51	180.99	164.54
ME381-7606	25	REAR	1.65	.44	180.99	164.54
ME381-7607	37	FRONT	2.35	.51	193.86	176.24
ME381-7608	37	REAR	2.30	.44	193.86	176.24
ME381-7609	50	FRONT	2.26	.62	193.86	176.24
ME381-7610	50	REAR	2.19	.55	193.86	176.24

## HEAVY DUTY STRIPPING TOOLS

STOCK NO.	NO. OF PINS	CUTOUT SIZE (IN.)		PRICE EACH	
		LENGTH	WIDTH	1	5
ME381-7007	9 & 15	1.46	.54	40.24	36.79
ME381-7008	25, 37, 50	2.65	.65	40.24	36.79

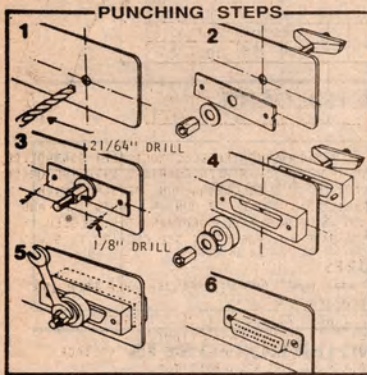
ORDER BY PHONE, FAX, TELEX, OR MAIL



# Punches

## MOUSER® "D" CONNECTOR HOLE PUNCHES

THE EASY WAY TO CUT HOLES IN MILD STEEL, ALUMINUM, ETC. IS TO USE MOUSER "D" CONNECTOR HOLE PUNCHES. IT IS ALMOST EFFORTLESS WHEN USING THE FRICTION REDUCING BALL (WHICH IS SUPPLIED). IT IS A PATENTED DESIGN WITH ONLY 6 STEPS FROM PUNCHING TO MOUNTING. 1/8" & 21/64" DRILLS REQUIRED (DRILLS ARE NOT SUPPLIED).



STOCK NO.	NO. OF PINS	MOUNTING	CUTOUT SIZE (IN)		PRICE EACH	
			LENGTH	WIDTH	1	5
38DM919	9	REAR	.79	.46	139.99	126.99
38DM921	9	FRONT	.86	.51	139.99	126.99
38DM928	15	REAR	1.12	.46	155.95	139.99
38DM929	15	FRONT	1.17	.51	155.95	139.99
38DM941	25	REAR	1.66	.46	159.99	144.99
38DM943	25	FRONT	1.71	.51	159.99	144.99
38DM958	37	REAR	2.33	.47	159.99	144.99
38DM959	37	FRONT	2.35	.53	159.99	144.99
38DM957	50	FRONT	2.27	.64	164.95	149.95
38DM955	50	REAR	2.20	.57	164.95	149.95

**NEW!**

### REPLACEMENT PARTS "D" CONNECTOR HOLE PUNCHES

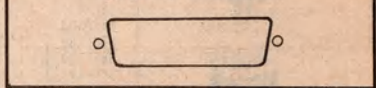
MOUSER PART NO.	DESCRIPTION	PRICE EACH			
		1	5	10	25
38RP100	GUIDE PIN (9, 15, 25 PIN)	.79	.61	.56	
38RP101	GUIDE PIN (37, 50 PIN)	.79	.61	.56	
38RP102	GUIDE PIN (25, 37, 50 PIN)	.79	.61	.56	
38RP111	8mm WASHER	.38	.29	.27	
38RP121	NUT (9, 15 PIN)	2.71	2.26	2.05	
38RP122	NUT (25, 37, 50 PIN)	2.71	2.26	2.05	
38RP130	CENTER M/C SCREW (9, 15 PIN)	2.39	1.99	1.81	
38RP131	CENTER M/C SCREW (25, 37, 50 PIN)	2.39	1.99	1.81	

DRILL BITS			
STOCK NO.	SIZE	1-11	12+
550-501A-1250	1/8"	.57	.52
550-501A-3281	21/64"	1.99	1.79

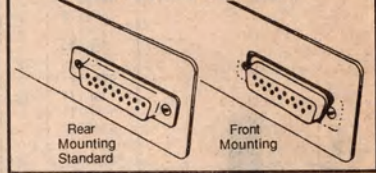
### REPLACEMENT BALL RACE

STOCK NO.	PRICE EACH	
	1	5
38BB001	5.68	5.16

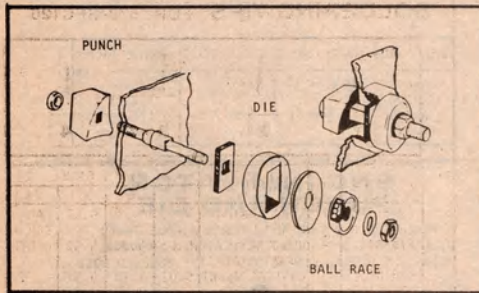
### CUTOUT DIAGRAM



### MOUNTING DIAGRAM



## MOUSER® ROUND AND SQUARE PUNCH ASSEMBLIES

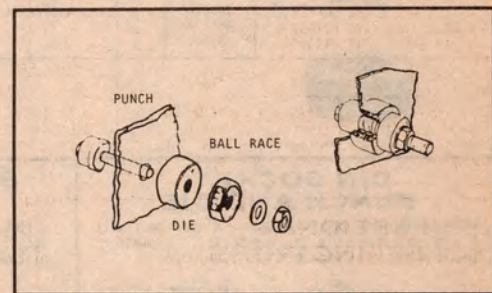


THESE HOLE PUNCHES EASILY CUT HOLES UP TO 1/16" THICK IN CONDUIT DIECAST ALLOY, ETC.

IT IS EVEN EASIER WHEN YOU USE A FRICTION REDUCING BALL RACE. BALL RACE IS INCLUDED WHERE MARKED\*.

### REPLACEMENT PARTS

STOCK NO.	DESCRIPTION	PRICE EACH	
		1	5
38BB002	BALL RACE	4.99	4.49



### ROUND HOLE PUNCHES

STOCK NO.	HOLE SIZE	PRICE EACH	
		1	5
38RH034	3/4"	10.98	9.99
38RH078	7/8"	10.98	9.99
38RH100	1"	11.94	10.86
38RH114	*1 1/4"	12.49	11.36
38RH112	*1 1/2"	20.14	18.32
38RH134	*1 3/4"	28.99	27.49

### REPLACEMENT PARTS STD RND & SQ PUNCHES

STOCK NO.	DESCRIPTION	PRICE EACH			
		1	5	10	25
38RP111	8mm WASHER	.38	.29	.27	

### SQUARE HOLE PUNCHES

STOCK NO.	HOLE SIZE	PRICE EACH	
		1	5
38SQ038	*3/8"	27.33	24.84
38SQ034	3/4"	46.99	43.93

## Greenlee Chassis Punches

GREENLEE CHASSIS PUNCHES QUICKLY AND ACCURATELY CUT BURR-FREE HOLES IN CHASSIS AND PANELS FOR ELECTRONIC ASSEMBLIES. SIMPLE TO USE, THE PUNCH ASSEMBLY IS POSITIONED IN PILOT HOLE AND THE PUNCH DRIVESCREW IS THEN TURNED BY HAND WITH A WRENCH. AS SHOWN, PUNCHES COME IN ROUND, SQUARE, "KEY" AND "D" SHAPES IN A RANGE OF SIZES MOST COMMONLY USED.

### CHASSIS PUNCH RACK WITH PUNCHES



- HEAVY GAGE STEEL
- BLUE ENAMEL FINISH
- 11" LONG X 3 3/4" WIDE

FULL SET CONTAINS RACK AND ALL PUNCHES FROM 1/2" TO 1 3/8" (16 PUNCHES).  
INTERMEDIATE SET CONTAINS RACK AND PUNCHES FROM 1/2" TO 1 1/4" BY 1/8" (7 PUNCHES).

STOCK NO.	DESCRIPTION	PRICE EACH
565-3066	FULL SET & RACK	267.75
565-3844	INTER. SET & RACK	128.81
565-3065	RACK ONLY	7.54

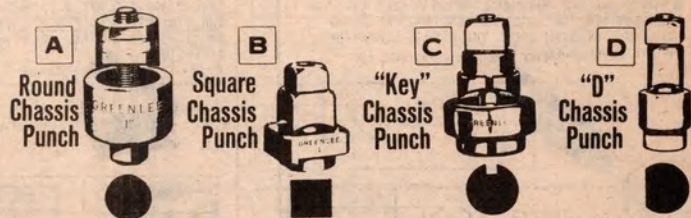
### DRIVESCREWS

BALL BEARING REDUCE FRICTION AND EFFORT WHEN PUNCHING ROUND HOLES 11/16" AND LARGER. FOR USE ONLY WITH ROUND PUNCHES LISTED AT RIGHT. STANDARD DRIVESCREWS ARE REPLACEMENT DRIVESCREWS FOR PUNCHES AS LISTED IN TABLE.



- BALL BEARING
- STANDARD DRIVESCREWS

STOCK NO.	USE WITH NO'S.	PRICE EACH
565-3839	565-3804 TO 565-3807	9.08
565-3840	565-3809 TO 565-3817	11.33
565-3841	565-3818 TO 565-3819	20.60
565-3842	565-3820 TO 565-3824	20.88
565-3847	565-3804 TO 565-3807	4.31
565-3849	565-3818 TO 565-3819	6.48



STOCK NO.	FIG	HOLE SIZE	PRICE EACH
565-3801	A	1/2"	16.40
565-3802	A	9/16"	16.40
565-3803	A	5/8"	16.40
565-3804	A	11/16"	16.40
565-3805	A	3/4"	16.40
565-3806	A	13/16"	16.40
565-3807	A	7/8"	16.40
565-3808	A	15/16"	17.85
565-3809	A	1"	17.85
565-3810	A	1 1/16"	18.83
565-3811	A	1 1/8"	18.83
565-3812	A	1 5/32"	18.83
565-3813	A	1 3/16"	18.83
565-3814	A	1 1/4"	18.83
565-3815	A	1 5/16"	23.20
565-3816	A	1 3/8"	23.20
565-3817	A	1 1/2"	24.91
565-3818	A	1 5/8"	30.43
565-3819	A	1 3/4"	34.07

STOCK NO.	FIG	HOLE SIZE	PRICE EACH
565-3820	A	1 7/8"	36.88
565-3821	A	2"	43.88
565-3822	A	2 1/8"	47.23
565-3823	A	2 1/4"	49.83
565-3824	A	2 1/2"	79.26
565-3825	B	1/2"	44.30
565-3826	B	5/8"	45.48
565-3827	B	3/4"	47.25
565-3830	B	7/8"	56.59
565-3831	B	1"	57.48
565-3832	C	15/32"	51.67

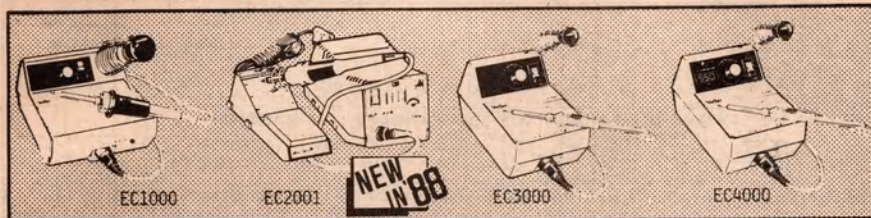
### METER HOLE PUNCH

STOCK NO.	FIG	HOLE SIZE	PRICE EACH
565-3837	D	1/2 x 15/32"	47.12
565-3838	D	5/8 x 19/32"	48.86



# Weller Soldering Tools

## VARIABLE TEMPERATURE SOLDERING STATIONS



THE EC1000, 2001, 3000 AND 4000 ARE CAPABLE OF HANDLING ALL THE PRECISE AND DELICATE SOLDERING OPERATIONS IN THE MOST DEMANDING APPLICATIONS. SELECTABLE TIP TEMP IS ELECTRONICALLY CONTROLLED TO WITHIN  $\pm 10^{\circ}\text{F}$  THROUGH THE RANGE OF  $350^{\circ}$  TO  $850^{\circ}\text{F}$ . DRIFT FREE PLATINUM SENSORS INSIDE THE TIP PROVIDE DYNAMIC RESPONSE TO CHANGES AND ENSURE OPTIMUM SOLDERING TEMPERATURE AT ALL TIMES.



### SPECIAL FEATURES

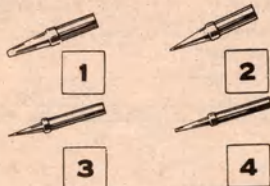
- ON/OFF SWITCH
- POWER UNIT ISOLATED FROM AC LINE
- IRON TIP GROUNDED
- MICROPOINT TIP
- LOCKING PLUG
- NON-BURNING SILICONE RUBBER CORD

STOCK NO.	DESCRIPTION	PRICE EACH	
		1	10
578-EC1000	STANDARD SOLDERING STATION WITHOUT LED READOUT	162.31	154.19
578-EC2001	ELECTRONIC SOLDERING STATION W/LED READOUT	212.05	198.80
578-EC3000	MINI SOLDERING STATION WITHOUT LED READOUT	162.31	154.19
578-EC4000	MINI SOLDERING STATION WITH LED READOUT	222.65	208.74

## SOLDERING TIPS FOR EC-SERIES STATIONS

- TIPS ARE SOLID COPPER, PLATED WITH IRON, NICKEL AND CHROMIUM.
- ET SERIES FITS EC1000 & EC2000.
- EPH SERIES FITS EC3000 & EC4000.

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH	
			1	10
578-ETA	1	SCREWDRIVER, 1/16" TIP	3.61	3.30
578-ETP	2	CONICAL, 1/32" TIP	3.61	3.30
578-EPH101	3	MICROPOINT, 1/64" TIP	3.77	3.39
578-EPH107	4	SCREWDRIVER, 5/64" TIP	3.77	3.39



## PROFESSIONAL SOLDERING IRONS



TOP QUALITY, INDUSTRIAL GRADE SOLDERING IRONS WITH RUGGED STAINLESS STEEL BARREL. HIGH EFFICIENCY POPULAR PENCIL STYLING; LONG-LIFE, DOUBLE-COATED TIPS. HANDLE IS LIGHT BLUE COLOR.

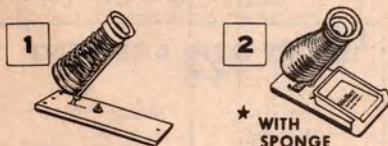
STOCK NO.	WATTS	CORD	TIP	PRICE EACH	
				1	6
578-WP25	20	2-Wire	1/16" Screwdr'r	21.48	20.41
578-WP25-3	20	3-Wire	1/16" "	24.70	23.47
578-WP40	35	2-Wire	1/8" "	26.42	25.10

### REPLACEMENT TIPS FOR WP25 AND WP40

STOCK NO.	TIP	PRICE EACH	
		1	10
578-ST-1	1/16" Screwdriver	3.44	3.09
578-ST-3	1/8" "	3.44	3.09

## SOLDERING TOOL STANDS

### FOR 578-WP25 AND 578-WP40 IRONS



VERSATILE BENCH STAND CAN BE FREE-STANDING OR MOUNTED. STURDY ALUMINUM CONSTRUCTION--CONDUCTS HEAT AWAY FROM IRON, PREVENTS ACCIDENTAL BURNS. KEEPS IRON HANDY AND READY FOR SOLDERING. NON-SLIDING CAST BASES.

STOCK NO.	FIG.	PRICE EACH	
		1	6
578-PH25	1	9.47	8.99
578-PH60	2	12.29	11.68

## MARKSMAN SOLDERING IRONS

### REPLACEABLE TIP



FINE QUALITY SOLDERING IRON FEATURES STAINLESS STEEL BARRELS, NICKEL PLATED COPPER TIPS, HEAT AND IMPACT RESISTANT HANDLES. 120 VOLT. U.L.LISTED.

STOCK NO. 578-SP23 25 watts FEATHERWEIGHT IRON  
STOCK NO. 578-SP40 40 watts LIGHTWEIGHT IRON

STOCK NO.	WATTS	WEIGHT	LENGTH	TIP	PRICE EACH	
					1	12
578-SP23	25	1.75 oz	8.25"	.125"	8.53	7.67
578-SP40	40	2.00 oz	8.25"	.250"	11.34	10.19

### REPLACEMENT TIPS FOR MARKSMAN IRONS

QUALITY TIPS -- NICKEL-PLATED, COPPER COATED.

STOCK NO.	FOR MODEL#	TIP	PACKED	PRICE EACH	
				1	6
578-MT-1	SP23	PENCIL	2	2.32	2.20
578-MT-2	SP23	SCREWDRIVER	2	2.32	2.20
578-MT-10	SP40	.25" CHISEL	2	4.26	4.05

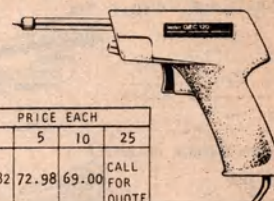
## ELECTRONIC TOOL KIT



THE PERFECT STARTER SET FOR THE TECHNICIAN AND KIT BUILDER. IT FEATURES 12 PIECES WITH 8 OF THE FINEST MOST REQUESTED TOOLS. INCLUDING 25 WATT SOLDERING IRON, LONG NOSE PLIERS, DIAGONAL STRIPPER AND WIRE CUTTER.

STOCK NO.	PRICE EACH	
	1	6
578-250K	62.71	59.57

## ELECTRONIC TEMPERATURE CONTROLLED SOLDERING GUN



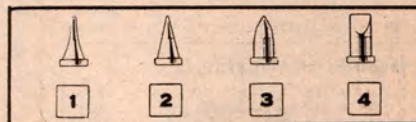
STOCK NO.	PRICE EACH			
	1	5	10	25
578-GEC120	76.82	72.98	69.00	CALL FOR QUOTE

THE GEC IS A SOPHISTICATED ELECTRONICALLY CONTROLLED SOLDERING IRON THAT HAS BEEN COMBINED WITH THE QUICK HEAT ADVANTAGE OF A SOLDERING GUN. DESIGNED WITH MANEUVERABILITY IN MIND, THE GUN IS LIGHTWEIGHT AND COMES WITH AN IRON PLATED SOLDERING TIP. HOUSED IN FLAME RETARDANT THERMOPLASTIC THE GEC 120 IS SAFE.

### FEATURES

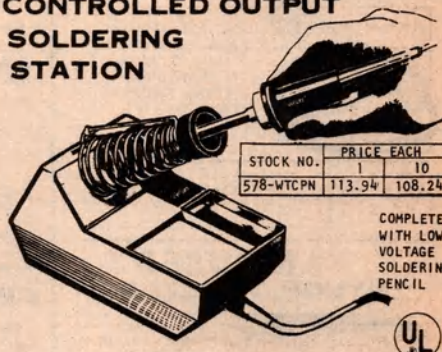
- TEMPERATURE CONTINUOUSLY VARIABLE FROM  $350^{\circ}$  TO  $800^{\circ}\text{F}$ .
- FAST HEAT AT THE PULL OF A TRIGGER.
- BUILT-IN FOCUSED WORK LIGHT.
- BUILT-IN CIRCUIT PREVENTS HIGH VOLTAGE SPIKES ON THE SOLDERING TIP.
- UL APPROVED.
- 4 INTERCHANGEABLE TIPS--SEE BELOW

## SOLDERING TIPS FOR 578-GEC120



STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	6	12	24
578-G101	1	LONG CONICAL 0.45" DIA.	5.03	4.78	4.52	CALL FOR QUOTE
578-G102	2	CONICAL 0.02" DIA.	5.03	4.78	4.52	CALL FOR QUOTE
578-G103	3	CONICAL BLUNT	5.03	4.78	4.52	CALL FOR QUOTE
578-G104	4	SCREWDRIVER	6.08	5.77	5.46	CALL FOR QUOTE

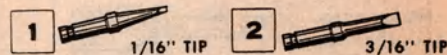
## CONTROLLED OUTPUT SOLDERING STATION



THE WELLER "CLOSED LOOP" CONTROL SYSTEM CONTROLS OUTPUT AND TEMPERATURE IN THREE RANGES:  $600^{\circ}\text{F}$ ,  $700^{\circ}\text{F}$  AND  $800^{\circ}\text{F}$ . POWER UNIT HAS CONVENIENT ON/OFF SWITCH AND INDICATOR LIGHT.

### REPLACEMENT TIPS

WELLER INDUSTRIAL SOLDERING TIPS HAVE A HEAVY IRONPLATING WITH ANTIOXIDATION COATING.



STOCK NO.	FIG.	DESCRIPTION	REACH	TEMP. RATING	PRICE EACH	
					1	10
578-PTA6	1	SCREWDRIVER	5/8"	$600^{\circ}\text{F}$	2.91	3.51
578-PTA7	1	SCREWDRIVER	5/8"	$700^{\circ}\text{F}$	3.91	3.51
578-PTA8	1	SCREWDRIVER	5/8"	$800^{\circ}\text{F}$	3.91	3.51
578-PTD6	2	SCREWDRIVER	3/4"	$600^{\circ}\text{F}$	3.91	3.51
578-PTD7	2	SCREWDRIVER	3/4"	$700^{\circ}\text{F}$	3.91	3.51
578-PTD8	2	SCREWDRIVER	3/4"	$800^{\circ}\text{F}$	3.91	3.51

"WE STOCK"



# UNGAR Soldering Tools

## STANDARD LINE MODULAR DESIGN

PROVIDES CHOICE OF HANDLES AND A SELECTION OF INTERCHANGEABLE HEATING ELEMENTS AND TIPS FOR COMBINATIONS TO MATCH PARTICULAR SOLDERING REQUIREMENTS.

### CORK GRIP HANDLE

2-WIRE CORD

STOCK NO.	PRICE EACH	
	1	10
588-776	8.50	7.65

STAINLESS STEEL  
HEAT DEFLECTOR

### CLEAN-ROOM HANDLE

2-WIRE CORD

STOCK NO.	PRICE EACH	
	1	10
588-777	8.50	7.65

HEAT STABILIZED,  
CONVECTION COOLED  
POLYPROPYLENE GRIP

## Princess MICRO LINE

### PRINCESS HANDLES

DESIGNED SPECIFICALLY FOR MICRO-ELECTRONIC WORK. THE PRINCESS LINE IS IDEAL FOR MICRO-PRECISION, MICRO-MINIATURE SOLDERING.

STOCK NO.	DESCRIPTION	PRICE EACH	
		1	10
588-6903	3-WIRE UL LISTED	20.99	18.90

### THREAD-IN HEAT CAPSULES

ACCEPTS ALL 1/8" THREAD-IN SOLDERING NIBS OR TIPPLETS. HEATING ELEMENT LOCATED AT WORKING END OF CAPSULE.

STOCK NO.	WATTS	TIP TEMP.	PRICE EACH	
			1	10
588-6915	15	700°-775°F	18.75	16.88

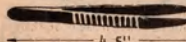
## Princess IRON HOLDER



FEATURES SPECIALLY  
PROCESSED SLIT SPONGE  
FOR BID CLEANING.  
RECOMMENDED FOR  
OPERATOR SAFETY AND  
LONGER NIB LIFE.

STOCK NO.	PRICE EACH	
	1	10
588-6990	12.67	11.40

## MOUSER<sup>®</sup> NYLON TWEEZERS



- GLASS FILLED NYLON
- NON-MAGNETIC
- RESISTANT TO ACIDS,  
PHOTOCHEMICALS, AND  
SOLDER HEAT (250°C)

STOCK NO.	PRICE EACH			
	1	10	50	100
38TW715	.97	75	.69	CALL FOR QUOTE

## Weller<sup>®</sup> SOLDERING GUN




### MODEL D550

260/200 WATTS

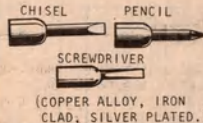
SOLDERING GUN WITH HIGHEST OUTPUT  
WITH TRIGGER SELECTION OF HEATS.  
HAS BALANCED PISTOL GRIP DESIGN.  
TWIN LIGHTS ILLUMINATES WORK. HEAVY  
GAUGE, HIGH-EFFICIENCY COPPER TIP.  
120V 60Hz. AC ONLY 2-WIRE CORD

STOCK NO.	PRICE EACH	
	1	6
578-0550	32.92	31.27

## INTERCHANGEABLE INTEGRAL TIPS & HEATING UNITS FOR STANDARD LINE HANDLES

CHISEL TIP, LONG TAPER	STOCK NO.	RATED	TIP TEMP.	DESCRIPTION	PRICE EACH		
					1	10	
	588-4033-S	45W - 120V	850° - 1000°F	TELLURIUM COPPER, IRON CLAD, SILVER PLTD.	16.25	14.63	
INTERCHANGEABLE 1/8" THREAD-IN HEATING UNITS FOR STANDARD LINE HANDLES							
	588-535-S	23W - 120V	600° - 650°F	THE 1/8" INTERCHANGEABLE THREAD-IN SOLDERING TIPS AND TIPPLETS FIT THESE UNITS.	11.66	10.50	
	588-1235-S	33W - 120V	700° - 750°F		11.66	10.50	
	588-4035-S	45W - 120V	800° - 850°F		12.33	11.10	
INTERCHANGEABLE 1/4" THREAD-ON HEATING UNITS FOR STANDARD LINE HANDLES							
	588-537-S	23W - 120V	600° - 650°F	THE 1/4" THREAD-ON TIPS FIT THESE UNITS. ALSO, BY USING ADAPTER #588-100 THE 1/8" THREAD-IN NIBS CAN BE USED.	10.41	9.38	
	588-1237-S	33W - 120V	700° - 750°F		11.33	10.20	
	588-4037-S	45W - 120V	800° - 850°F		13.08	11.78	

## 1/4" THREAD-ON TIPS FOR USE ON THREAD-ON HEATING UNITS AND 3-WIRE SOLDERING IRON



STOCK NO.	DESCRIPTION	PRICE EACH	
		1	10
588-PL-111	PENCIL; 3/4" LONG, 1/8" DIA.	3.08	2.78
588-PL-113	CHISEL; 3/4" LONG, 1/8" DIA.	3.08	2.78
588-PL-151	SCREWDRIVER; 3/4" LONG, .130" DIA.	3.17	2.85

## ADAPTER

STOCK NO.	PRICE EACH
588-100	1.25

FITS STANDARD LINE THREAD-ON HEATING UNITS AND 3-WIRE SOLDERING IRON FOR USE OF THE 1/8" THREAD-IN TIPPLETS AND NIBS.

## UNGAR<sup>®</sup> INTERCHANGEABLE TIPS

THESE 1/8" THREAD-IN TIPS ARE FOR USE WITH PRINCESS LINE HEAT CAPSULES AND STANDARD LINE THREAD-IN HEATING UNITS. ALSO FIT STANDARD LINE THREAD-ON HEATING UNITS BY MEANS OF ADAPTER NO. 588-100. (ABOVE RIGHT)

### 1/8" SOLDERING NIBS

STOCK NO.	DESCRIPTION	PRICE EACH	
		1	10
588-6961	SCREWDRIVER 1/2L, 1/8" ID	2.67	2.40

### 1/8" SOLDERING TIPPLETS

STOCK NO.	DESCRIPTION	PRICE EACH	
		1	10
588-PL-331	PENCIL 1", 1/8" ID	2.50	2.25
588-PL-333	MICRO-SPADE 1/2"L, 1/16" ID	2.50	2.25

### DE-SOLDERING TIPS



STOCK NO.	DESCRIPTION	PRICE EACH	
		1	10
588-6948	SLOTTED BAR DESIGN FOR USE WITH DUAL IN-LINE IC'S. TIP TEMP. APPROX. 570°F AT 18W.	8.58	7.73

## ANTI-SEIZE

SPECIAL LUBRICANT FOR METALS OPERATING AT HIGH TEMPERATURES. REDUCES TIP THREAD SEIZURE. 1/2 OZ. TUBE



STOCK NO.	PRICE EACH	
	1	10
588-8001	2.91	2.63

## KLEEN-TIP

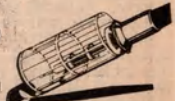
SPONGE AND TRAY  
REDUCES OXIDATION, HELPS PREVENT CONTAMINATION. SLIT SPONGE CLEANS TIPS FAST. TRAY FASTENS TO BENCH. 588-455 REFILL SPONGE.



STOCK NO.	PRICE EACH	
	1	10
588-400	4.58	4.13
588-455	1.83	1.66

## SOLDERING TOOL STAND

ATTACHES EASILY TO WORK BENCH. PROTECTS OPERATOR FROM BURNS. PREVENTS IRON BREAKAGE. FOR STANDARD LINE IRONS.



STOCK NO.	PRICE EACH	
	1	10
588-8000	8.50	7.65

## DESOLDERING BULB

DE-SOLDERING BULB WITH TFE TIP FOR SAFE, EASY REMOVAL OF SOLDER. HEAT-RESISTANT TIP WILL NOT SCRATCH OR DAMAGE P.C. BOARDS. TIP IS EASILY REMOVED TO CLEAN SOLDER FROM BULB.



STOCK NO.	PRICE EACH	
	1	10
588-7805	4.91	4.43

## DESOLDERING ADAPTOR

THIS ADAPTOR ATTACHMENT IS DESIGNED FOR USE WITH THE STANDARD LINE IRONS HAVING THREAD-ON HEATING UNITS, AND FOR THE 3-WIRE SOLDERING IRON WITH HEATING UNIT THAT HAS THE THREAD-ON END.



STOCK NO.	PRICE EACH	
	1	10
588-7825	28.08	25.28

## Weller<sup>®</sup> SOLDERING GUN

FINGER TIP SELECTION OF HIGH OR LOW OUTPUT. HAS HIGH EFFICIENCY SOLDERING TIP OF PURE PRE-TINNED COPPER. LIGHT ILLUMINATED WORK. COMPACT, PISTOL-GRIP DESIGN. "SOLDERING TIPS" BOOKLET INCLUDED. 120V 60Hz AC ONLY. 2-WIRE CORD.



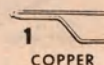
MODEL 8200  
100/140 WATTS

STOCK NO.	PRICE EACH	
	1	6
578-8200	24.22	23.01

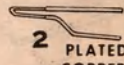
REPLACEMENT HOUSING SET  
FOR 578-8200 SOLDERING GUN

STOCK NO.	PRICE EACH	
	1	6
578-8200RH	6.60	

## Weller<sup>®</sup> REPLACEMENT TIPS



1 COPPER



2 PLATED COPPER

STOCK NO.	FIG.	FITS MODEL#	PACKAGE CONTAINS	PRICE PER PKG	
				1	24
578-7250	1	D550	2 Tips	2.64	2.37
578-8125	2	8200	2 Tips	2.64	2.37



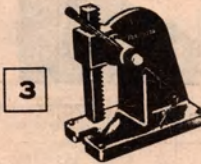
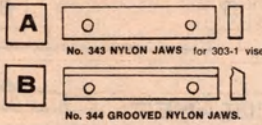
# PANA VISE® Soldering Aids



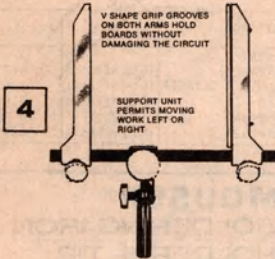
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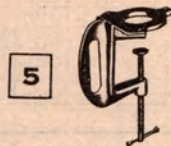
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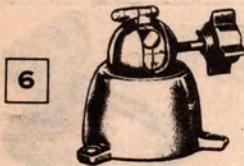
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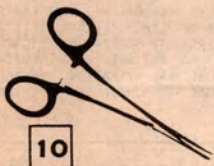
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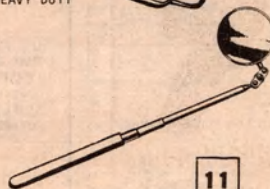
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10



11

## WISE HEAD

MODEL 366 WIDE OPENING VERTICAL VISE HEAD. FITS ALL 300 SERIES BASES. REVERSIBLE, REPLACEABLE PADS ARE NEOPRENE. STEEL PARTS MACHINED TO FINE TOLERANCES, PLATED FOR DURABILITY.

- ROTATES 360°
- TILT ACTION 180°
- GRIP RANGE 0" TO 6" (15.2CM)
- JAW PAD WIDTH 1 3/4" (4.45 CM)
- THROAT DEPTH 2" (5.08 CM)
- FITS ALL 300 SERIES BASES

STOCK NO.	FIG.	PRICE EACH
591-366	1	21.95

## WISE HEAD

MODEL 303-1 VERTICAL JAW VISE HEAD. 2 1/2" (6.35 CM) REPLACEABLE NYLON JAWS OPEN TO 2 1/4" (5.72 CM) WITH THROAT DEPTH OF 1 5/16" (3.33 CM).

NO. 343 NYLON JAWS FOR 303-1 VISE. TYPE 66 NYLON, EXCELLENT ELECTRICAL INSULATION. WITHSTANDS INTERMITTENT HEAT TO 300° F. CONTINUOUS HEAT 200° F. NO. 344 GROOVED NYLON JAWS WITH HORIZONTAL V-GROOVE DESIGNED TO HOLD SMALL OBJECTS.

STOCK NO.	FIG.	PRICE EACH
591-303	2	18.95

STOCK NO.	FIG.	PRICE EACH
591-343	2A	2.00
591-344	2B	2.95

MODEL 501

## PANA PRESS

ALTHOUGH IT WEIGHS LESS THAN 6 POUNDS AND STANDS ONLY 7 INCHES HIGH, THIS HAND ARBOR PRESS EXERTS PRESSURE UP TO A QUARTER-TON.

- THROAT DEPTH: 2 1/2" (6.4 CM)
- VERTICAL CAPACITY: 3 1/2" (8.9 CM)
- BASE DIMENSIONS: 3 5/8" x 7" (9.2 x 17.8 CM)
- RAM SIZE: 3/4" SQ. x 6 1/4" (1.9 SQ. x 15.1 CM)

STOCK NO.	FIG.	PRICE EACH
591-501	3	66.95

## PANA VISE® CIRCUIT BOARD HOLDER

MODEL 315 CIRCUIT BOARD HOLDER ASSEMBLY. PANAVISE® HOLDS CIRCUIT BOARDS OF ANY SHAPE, UP TO 6" (20.32 CM) WIDE, IN ANY POSITION. THE SPRING TENSION ARM PERMITS A BOARD TO BE INSERTED AND REMOVED WITHOUT CONTINUAL ADJUSTMENT. BOTH ARMS EXTEND 6" (15.24 CM) FROM THE BAR, WITH V SHAPE GRIP GROOVES DESIGNED TO HOLD ANY BOARD UP TO 5/32" (.4 CM) THICK.

- EACH ARM POSITIONS AND LOCKS
- 5/8" (1.59 CM) STEM FITS ALL 300 SERIES BASES

STOCK NO.	FIG.	PRICE EACH
591-315	4	20.95

## BENCH CLAMP

MODEL 311 BENCH CLAMP, DESIGNED, DRILLED AND TAPPED FOR PANAVISE POSITIONER BASES 300 AND 305, WITH THREE ZINC-PLATED FLAT HEAD MACHINE SCREWS SUPPLIED. WITH BRIGHT ZINC PLATED STEEL CLAMPING SCREW AND LEVELING BUTTON, STAINLESS STEEL TIGHTENING ROD. FINISHED COLBERT HAMMERTONE/GRAY/GREEN.

- HOLES SPACED FOR MOUNTING BASES 300 AND 305
- HEIGHT (OVERALL): 6 3/4" (17.145CM)
- THROAT DEPTH: 2 3/8" (6.0CM)
- GRIPPING RANGE: 0 TO 3 1/2" (0 TO 8.9CM)
- SHIPPING WEIGHT: 2 5/8 LBS. (1.191 KG)

STOCK NO.	FIG.	PRICE EACH
591-311	5	26.95

## BASE

MODEL 300 STANDARD HEIGHT BASE. THREE LUGS ARE POSITIONED FOR MOUNTING ON NO. 310 SURFACE PLATE, 311 BENCH CLAMP, FACE PLATES NO. 337, 338, 339, 340, OR DIRECTLY ON BENCH, WALL OR WORK STATION.

- ONE VARIABLE-PRESSURE KNOB CONTROLS TILT AND TURN
- LOCKING UNIT HOLDS ALL 5/8" (1.59CM) STEM VISE HEADS AND ATTACHMENTS

STOCK NO.	FIG.	PRICE EACH
591-300	6	15.95

## BASE

MODEL 305 LOW PROFILE BASE. 2 1/2" (6.4 CM) HEIGHT ALLOWS WORKING CLOSE TO THE MOUNTING SURFACE. STRAIGHT FRONT PERMITS MOUNTING FLUSH WITH EDGE OF BENCH OR STATION. THREE LUGS ARE POSITIONED FOR MOUNTING ON NO. 310 SURFACE PLATE, 311 BENCH CLAMP, FACE PLATES NO. 337, 338, 339, 340, OR DIRECTLY TO BENCH, WALL OR WORK STATION.

STOCK NO.	FIG.	PRICE EACH
591-305	7	15.95

## MOUNTING PLATE

MODEL 308 MULTI-PURPOSE MOUNTING PLATE. STREAMLINE DESIGN WITH NON-MARRING RUBBER FEET. USE WITH 300 AND 305 BASES PLUS 315 CIRCUIT BOARD HOLDER. 5/8" SOCKET WITH SET SCREW FOR UNIVERSAL APPLICATIONS.

STOCK NO.	FIG.	PRICE EACH
591-308	8	18.49

## Tools

### ELECTRICIAN'S KNIFE

COMPLETE WITH 2 BLADES. SCREWDRIVER BLADE 3" LONG WITH SHARP EDGE FOR STRIPPING. GENERAL DUTY BLADE 2 3/4" LOCKS OPEN. HEAVY BRASS LINER AND SPRING WITH PLASTIC HANDLE.

STOCK NO.	FIG.	PRICE EACH
543-50190	9	12.99

### FORCEP CLAMPS

TEMPERED STAINLESS STEEL CLAMP. HOLDS AND POSITIONS SMALL PARTS, WIRES, PINS, ETC. USE AS CLAMPS AND HEAT SINKS WHEN SOLDERING. 3 POSITION SNAP LOCK.

STOCK NO.	LENGTH	FIG.	PRICE EACH
543-54037	6"	10	6.83
			6.11

### INSPECTION MIRROR

- PLASTIC COATED HANDLE AND POCKET CLIP
- HEAD SWIVELS 360° ON 2 AXIS
- CIRCULAR MIRROR, 7/8" DIAMETER
- OVERALL LENGTH, 7 1/2"

STOCK NO.	FIG.	PRICE EACH
543-61002	11	4.79
		4.29



# Soldering Aids and Chemicals



1



2



3



4



5



1 oz TUBE

6



7

## KESTER KWIK-DRAW

KESTER'S NEW KWIK-DRAW PACKAGE IS CONVENIENTLY SIZED FOR THE HOME OR SHOP. HAS FLUX CORE AND WIRE FEEDS EASILY FROM THE HANDY DISPENSER "44" RESIN CORE.

STOCK NO.	FIG.	ALLOY	DIAMETER	PRICE EACH			
				1	10	25	50
533-83-3000-0000	1	60/40	.050	1.45	1.09	1.06	CALL FOR QUOTE

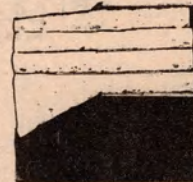
## KESTER POCKET-PAK

THIS NEW POCKET-PAK IS AS EASY TO HANDLE AS A PEN AND COMES WITH A POCKET CLIP. IDEAL FOR SERVICE AND REPAIR IN THE HOME OR SHOP. "44" RESIN CORE.

STOCK NO.	FIG.	ALLOY	DIAMETER	PRICE EACH			
				1	10	25	50
533-83-4000-0000	2	60/40	.031	.99	.75	.72	CALL FOR QUOTE

## TIP CLEANER

- HIGH IMPACT
- STYRENE CASE
- FOR SOLDER IRON TIP. 3/4" WATER WELL KEEPS SPONGES WET.



REPLACEMENT SPONGES

- SET OF FOUR CELLULOSE SPONGES

STOCK NO.	PRICE EACH	
	1	10
543-63040	6.99	6.72

STOCK NO.	PRICE EACH	
	1	10
543-63041	3.02	2.70

## CHEMICALS

STOCK NO.	FIG.	DESCRIPTION	SIZE	PRICE EACH
524-10-620	3	FREON TF SOLVENT (TAPE HEAD CLEANER)	16 OZ AEROSOL	4.78
524-8666-16	4	SPRAY KLEAN CONTACT CLEANER	16 OZ AEROSOL	3.60
524-1802	5	CIRCUIT COOLER	18 OZ AEROSOL	3.55
524-8109-S	6	HEAT SINK COMPOUND	1 OZ TUBE	4.95
524-4030	7	ROSIN FLUX REMOVER	16 OZ AEROSOL	4.82

## MOUSER® PENCIL TYPE SOLDERING IRONS

FOR CONTINUOUS USE. FOR INDUSTRIAL AND HOBBYIST USE. BALANCE HANDLE WITH HEAT SHIELD.



- LIGHTWEIGHT
- 30 WATT
- 120 VOLT AC IRON

STOCK NO.	PRICE EACH			CALL FOR QUOTE
	1	10	50	
38FS029	6.75	5.91	5.38	

- REPLACEABLE NICKEL/CHROME TIP
- LIGHTWEIGHT
- 25 WATT, 120 VOLT AC IRON
- 9" HEAVY DUTY CORD
- WEIGHT: 2 OZ.

STOCK NO.	PRICE EACH	
	1	10
38FS025	3.96	3.33

- REPLACEABLE N.P. COPPER TIP AND NICHROME ELEMENT
- 30 WATT, 120 VOLT AC IRON
- 9" HEAVY DUTY CORD
- WEIGHT: 2 OZ.

STOCK NO.	PRICE EACH	
	1	10
38FS030	3.89	3.41
REPLACEMENT TIP		
38FS031	.67	.59

## SOLDER BRUSH

TOUGH ALL METAL BRUSH, STAINLESS STEEL BRISTLES AND HEAVY GRADE TIN PLATE HANDLE. FOR CLEANING WORK IN SOLDER OPERATIONS.

STOCK NO.	PRICE EACH	
	1	10
543-63002	.80	.72

## X-ACTO TWEEZER



- 6 1/2" LONG
- NICKEL PLATED STEEL
- SELF-CLOSING
- BLUNT SERRATED POINTS

STOCK NO.	PRICE EACH	
	1	10
590-7338	2.48	2.33

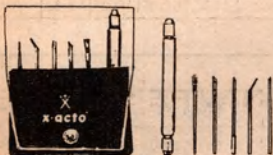
## MOUSER® SOLDERING IRON HOLDER & TIP CLEANER

METAL CAGE HOLDS IRON WHILE OUTER COIL STAYS COOL TO PREVENT BURNS. ACCEPTS IRONS UP TO 3/4" DIAMETER.



STOCK NO.	PRICE EACH		
	1	10	50
38TU005	8.32	6.94	6.31

## X-ACTO SOLDERING AID KIT

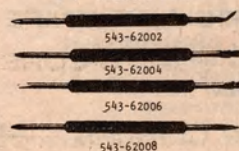


UNIVERSAL DOUBLE CHUCK HANDLE WITH FORK, KNIFE, SCRAPER, CIRCUIT-TRACER PLUS SOLDER AND BRUSH CLEANER. TOOLS ARE CHROME-PLATED STEEL TO PREVENT SOLDER FROM ADHERING.

STOCK NO.	PRICE EACH	
	1	10
590-7348	7.41	6.92

## SOLDERING AIDS

- 2" BLADES
- 8" OVERALL LENGTH



INVALUABLE WHEN DOING PRODUCTION SOLDERING OR REWORK. MADE OF NON-MAGNETIC STEEL.

STOCK NO.	STYLE	PRICE	
		1	10
543-62002	FORK AND HOOK	3.21	2.87
543-62004	FORK AND BRUSH	3.21	2.87
543-62006	KNIFE AND BRUSH	4.33	3.88
543-62008	FORK AND REAMER	4.08	3.65

## SOLDAVAC

- DE-SOLDERING TOOL
- HANDY, FAST, ECONOMIC AND SAFE



STOCK NO.	PRICE EACH	
	1	10
543-63048	12.93	11.57

REPLACEMENT TIP FOR SOLDAVAC  
• NO STICK TEFLON

STOCK NO.	PRICE EACH	
	1	10
543-63049	4.66	4.17

## SOLDAVAC DELUXE

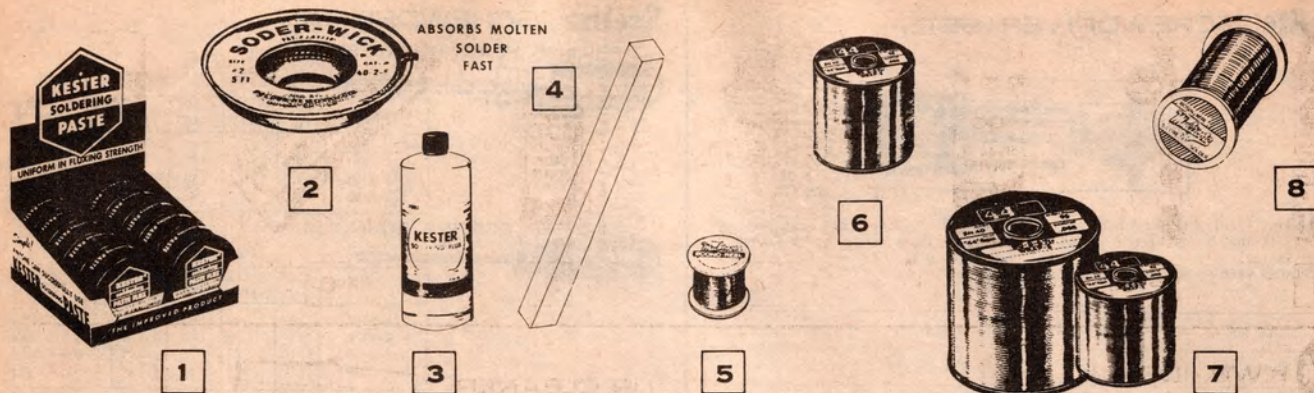


THE DELUXE SOLDAVAC HAS MORE CAPACITY THAN OUR REGULAR MODEL AND MEETS ALL INDUSTRY SAFETY STANDARDS. PLUNGER DOES NOT POP OUT WHEN USED. QUICK SIMPLE ONE HAND OPERATION. DESIGNED FOR REWORK AND REMOVAL IN INDUSTRY.

STOCK NO.	PRICE EACH
543-63046	20.37



# Solder



## SOLDERING PASTE FLUX



THE SCIENTIFIC MANUFACTURING PROCESS EMPLOYED ACHIEVES A MORE EVEN AND FINER DISTRIBUTION OF FLUXING INGREDIENTS THROUGHOUT THE PASTE. EVERY CAN OF KESTER SOLDERING PASTE IS UNIFORM IN FLUXING STRENGTH ASSURING THE BEST RESULTS TIME AFTER TIME, ON JOB AFTER JOB.

**NEW!**

STOCK NO.	FIG.	SIZE	PRICE EACH				
			1	10	25	50	
533-83-0000-0001	1	2 OUNCE CAN	.93	.70	.68	.66	CALL FOR QUOTE

## SOLDER WICK

**UNGAR**

STOCK NO.	FIG.	SIZE WIDTH	SIZE FOR PADS	PRICE EACH				
				1	10	25	50	
588-5011	2	.025"	.06"	2.25	2.03	1.96	1.96	CALL FOR QUOTE
588-5012	2	.050"	.06"-.125"	2.25	2.03	1.96	1.96	
588-5013	2	.075"	.125"-.19"	2.25	2.03	1.96	1.96	
588-5014	2	.100"	.19"-UP	2.58	2.33	2.25	2.25	

## SOLDER RESIN FLUX



THE SOLDER RESIN FLUX IS A HIGHLY ACTIVATED, COMPLETELY NON-CORROSIVE RESIN FLUX. THE SOLIDS CONTENT IS 50%. AVAILABLE IN A HANDY QUART SIZE CONTAINER.

STOCK NO.	FIG.	SIZE	WEIGHT	PRICE EACH				
				1	10	25	50	
533-62-0000-1544	3	QUART BOTTLE	2 1/2 LB	9.49	7.49	7.25	6.99	CALL FOR QUOTE

## BAR SOLDER



UNIFORM DISTRIBUTION OF TIN-LEAD ALLOYS IN THE BAR PROVIDES FOR EFFICIENT AND EASY APPLICATIONS. FREEDOM FROM OXIDE IS VIRTUALLY ASSURED.

STOCK NO.	FIG.	ALLOY	WEIGHT	PRICE EACH				
				1	10	25	50	
533-04-6040-0000	4	60/40	1 LB	9.22	8.25	7.28	7.69	CALL FOR QUOTE
533-04-6337-0000	4	63/37	1 LB	9.74	8.71	7.69	7.69	



## ECONO-REEL

- 18 GAGE
- 100 FT. PER ROLL

STOCK NO.	FIG.	PRICE EACH
545-ER220	5	7.54

## SOLID WIRE SOLDERS



SOLID WIRE SOLDERS - EQUAL TO FLUX CORE SOLDERS IN QUALITY AND PURITY. FOR USE WITH EXTERNAL FLUX. ALWAYS UNIFORM IN DIAMETER AND ALLOY.

STOCK NO.	FIG.	ALLOY	WEIGHT	DIA.	PRICE PER SPOOL				
					1	10	25	50	
533-14-6040-0031	6	60/40	1 LB	.031	13.15	11.76	10.38	9.75	CALL FOR QUOTE
533-14-6040-0062	6	60/40	1 LB	.062	12.12	10.85	9.75	9.75	

## FLUX-CORE SOLDER



THE "INSTANT ACTION" BEHAVIOR OF THE "44" RESIN IS A MOST OUTSTANDING PROPERTY AND EVEN MORE IMPORTANT AND MORE SIGNIFICANT IS THE FACT THAT THE FLUX IS COMPLETELY NON-CORROSIVE AND ELECTRICALLY NON-CONDUCTIVE. THROUGHOUT ITS LONG YEARS OF WIDE USAGE IN THE ELECTRONIC AND ELECTRIC INDUSTRY, INVOLVING COUNTLESS BILLIONS OF SOLDERED CONNECTIONS, THERE HAS NEVER BEEN A KNOWN CASE OF CORROSION BY THE FLUX RESIDUE.

STOCK NO.	FIG.	ALLOY	WEIGHT	DIA.	PRICE PER SPOOL				
					1	10	25	50	
1/2 LB SPOOLS									
533-23-6040-0061	7	60/40	1/2 LB	.062	5.50	4.13	3.99	CALL	FOR QUOTE
533-23-6040-0027	7	60/40	1/2 LB	.031	5.98	4.49	4.34		
1 LB SPOOLS									
533-24-6337-18	7	63/37	1 LB	.025	12.72	11.38	10.04		CALL FOR QUOTE
533-24-6337-27	7	63/37	1 LB	.031	11.88	10.63	9.33		
533-24-6337-39	7	63/37	1 LB	.040	11.53	10.32	9.11		
533-24-6337-53	7	63/37	1 LB	.050	11.36	10.17	8.97		
533-24-6337-61	7	63/37	1 LB	.062	10.99	9.84	8.69		
533-24-6040-10	7	60/40	1 LB	.020	13.60	12.17	10.74		
533-24-6040-18	7	60/40	1 LB	.025	12.40	11.09	9.79		
533-24-6040-27	7	60/40	1 LB	.031	11.40	10.20	8.99		
533-24-6040-39	7	60/40	1 LB	.040	10.99	9.84	8.69		
533-24-6040-53	7	60/40	1 LB	.050	10.81	9.67	8.54	CALL	
533-24-6040-61	7	60/40	1 LB	.062	10.40	9.31	8.21	FOR	
533-24-6040-66	7	60/40	1 LB	.093	10.41	9.32	8.22	QUOTE	
4 & 5 LB SPOOLS									
533-25-6040-0027	7	60/40	4 LB	.031	45.36	40.60	35.84		CALL FOR QUOTE
533-26-6040-0061	7	60/40	5 LB	.062	51.70	46.25	40.80		



## 5-CORE ROSIN WIRE SOLDER

SELF-FLUXING, MULTI-CORE SOLDER FEATURES INSTANT WETTING SOLDERING IS ACCOMPLISHED QUICKLY USING LESS HEAT AND SOLDER. THE 5-CORE CONSTRUCTION ALSO ELIMINATES FLUX VOIDS AND PROVIDES A CLOSER RATIO OF FLUX TO SOLDER.

STOCK NO.	FIG.	ALLOY	WEIGHT	GAGE	PRICE PER SPOOL	
					1	20
545-SN60-21-1LB	8	60/40	1 LB	21	15.39	14.47
545-SN60-18-1LB	8	60/40	1 LB	18	14.13	13.28

QUANTITY DISCOUNTS ON ALL ITEMS - CALL



# Xcelite® Tools

## Xcelite® SCREWDRIVER SETS



CONTAINS 5 PHILLIPS SCREWDRIVERS. NO'S: (X-100, X-101, X-102, X-103, AND SX-102) REPLACES VACO P550.

STOCK NO.	PRICE EACH	
	1	3
578-SDX-22	16.43	15.61

CONTAINS 5 ROUND BLADE SCREWDRIVERS FOR SLOTTED SCREWS. NO'S: (R-182, R-5324, R3166, R-144, and R-5166) REPLACES VACO A-5.

STOCK NO.	PRICE EACH	
	1	3
578-SDR-11	14.83	14.09

CONTAINS 5 SLOT-TIP SCREWDRIVERS: 3/32", 1/8", 5/32", 3/16", AND 1/4"; CONTAINS 3 PHILLIPS SCREWDRIVERS: (NO'S 0, 1, AND 2) COMPLETE WITH TORQUE HANDLE AND CASE.

STOCK NO.	PRICE EACH	
	1	3
578-PS88	16.55	15.72



## Xcelite® SCREWDRIVERS

PHILLIPS HEAD, ROUND BLADE



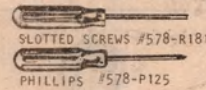
STOCK NO.	POINT SIZE	BLADE DIA.	BLADE LGTH.	LENGTH	PRICE EACH	
					1	12
578-X100	0	1/8	2	4 5/8	2.02	1.83
578-X101	1	3/16	3	6 5/8	2.82	2.52
578-X108	1	3/16	6	9 5/8	3.54	3.18
578-X102	2	1/4	4	8 1/8	3.76	3.38

SLOTTED SCREWS ROUND BLADE



STOCK NO.	BLADE DIA.	HANDLE LENGTH	BLADE LGTH.	LENGTH	PRICE EACH	
					1	12
578-R184	1/8	2 5/8	4	6 5/8	1.40	1.26
578-R186	1/8	2 5/8	6	8 5/8	2.22	1.99
578-R3163	3/16	3 5/8	3	6 5/8	2.71	2.57
578-R3164	3/16	3 5/8	4	7 5/8	3.11	2.95

POCKET CLIP-STYLE



STOCK NO.	BLADE SIZE	HANDLE LENGTH	BLADE LGTH.	LENGTH	PRICE EACH	
					1	12
578-R181	1/8	2 1/4	2	4 1/4	1.34	1.20
578-P125	0	2 1/4	2	4 1/4	1.74	1.65

## Xcelite® SPEED CUTTER



- VERSATILE, LIGHTWEIGHT CUTTER
- STAINLESS STEEL REPLACEABLE BLADES
- HEAVY DUTY CONTOURED FRAME
- 4 3/4" LONG

STOCK NO.	PRICE EACH
578-1570B	5.32

## Xcelite® NUTDRIVER SET

CONTAINS 10 COLOR-CODED NUTDRIVERS 3/32" THRU 3/8". COMPLETE WITH TORQUE HANDLE AND CASE.

STOCK NO.	PRICE EACH	
	1	3
578-PS120	20.91	19.86

## METRIC SET

THIS METRIC SET CONTAINS NUTDRIVERS SIMILAR TO 578-PS120. 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, AND 10mm.

STOCK NO.	PRICE EACH	
	1	3
578-PS-121MM	25.78	24.49

## Xcelite® SEIZER



CLAMPS WIRE FOR SOLDERING, ACTS AS HEAT SINK, AND ALSO USED FOR RETRIEVING SMALL PARTS. BOX-JOINT CONSTRUCTION WITH 3-POSITION SNAP LOCK. PRECISION MACHINED AND POLISHED STAINLESS STEEL.

STOCK NO.	DESCRIPTION	PRICE EACH	
		1	6
578-42H	6" STRAIGHT NOSE, SERR.	15.55	14.77
578-43H	6" CURVED NOSE, SERR.	15.98	15.18

## Xcelite® 104CG WIRE STRIPPER

CUTTER, STRIPPER AND CRIMPER FOR ALL TYPES OF WIRE 22 GAUGE AND LARGER. ALSO HAS WIDE-SIZE-RANGE BOLT CUTTER ARRANGEMENT.



- PLIER NOSE
- CUSHION GRIPS
- HARDENED PIVOT-JOINT BUSHING
- CRIMP STATIONS

STOCK NO.	PRICE EACH	
	1	6
578-104CG	16.40	15.58

## FORCEP CLAMPS



STRAIGHT NOSE

TEMPERED STAINLESS STEEL CLAMP. HOLDS AND POSITIONS SMALL PARTS, WIRES, PINS, ETC. USE AS CLAMPS AND HEAT SINKS WHEN SOLDERING. 3 POSITION SNAP LOCK.



CURVED NOSE

STOCK NO.	LENGTH	PRICE EACH	
		1	10
543-54037	6"	6.83	6.11

STOCK NO.	LENGTH	PRICE EACH	
		1	10
543-54036	5"	6.83	6.11
543-54038	6"	6.99	6.27

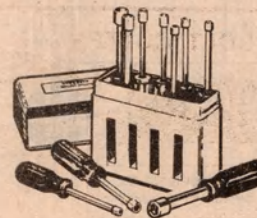
## Xcelite® SCREWDRIVER & NUTDRIVER SET

CONTAINS 2 NUTDRIVERS: 1/4" & 5/16", 2 SLOTTED SCREWDRIVERS, AND 2 PHILLIPS SCREWDRIVERS. COMPLETE WITH TORQUE HANDLE AND CASE.

STOCK NO.	PRICE EACH	
	1	3
578-PS7	12.93	12.28



## Xcelite® NUTDRIVER SET



STURDY PLASTIC STAND-UP CASE WITH FLIP-OVER COVER KEEPS NUTDRIVERS ORDERLY ON WORK BENCH AND IN TOOL BOX. CONTAINS HOLLOW SHAFT NO'S: HS6, HS7, HS8, HS9, HS10, HS11, HS12, HS14, HS16, HS18.

STOCK NO.	PRICE EACH	
	1	3
578-HS6-18	36.04	34.24

## Roper Whitney HAND PUNCH KIT

BASE SWIVELS TO ANY POSITION. HAND PUNCH IS HELD TO BENCH MOUNT BY L-SHAPED CLAMP ROD THROUGH 7/16" HOLE IN BENCH.

STOCK NO.	PRICE EACH
566-SK	53.46



## Roper Whitney BENCH MOUNT



KIT INCLUDES: HAND PUNCH AND ONE EACH OF ROUND HOLE PUNCHES AND DIES IN SIZES OF 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", AND 9/32". ALL CONTAINED IN METAL BOX

STOCK NO.	PRICE EACH
566-SBM	16.46



# Tools

## X-ACTO KNIFE



- 1 KNIFE COMPLETE WITH #11 BLADE

- FOR LIGHT TO MEDIUM WORK
- 5" LONG WITH ALUMINUM HANDLE

STOCK NO.	PRICE EACH	
	1	10
590-3001	1.47	1.38

## X-ACTO BLADES

- 5 BLADES TO PACKAGE
- #11 BLADE



STOCK NO.	PRICE EACH	
	1	10
590-11	.97	.86

## X-ACTO X-TRA HANDS

SIX BALL JOINTS ALLOW ADJUSTMENTS TO THE EXACT ANGLES YOU NEED-TIGHTENED BY THUMB SCREWS. ALLIGATOR-TYPE CLIPS HOLD WORK FIRMLY AND ARE REPLACEABLE. UNIT MEASURES: 5 1/2" HIGH WITH A CROSSBAR OF 5 1/2". STUD SLOTTED TO ALSO ACCOMMODATE SOLDERING TWEezer NO. 590-7338.



STOCK NO.	PRICE EACH	
	1	10
590-7514	11.95	10.91

## X-ACTO HOT KNIFE

FOR MARKSMAN 578-SP23

IT CUTS THROUGH PLASTICS

IT CUTS THROUGH PLASTICS RAPIDLY AND ACCURATELY.

THREADED END SCREWS INTO WELER MARKSMAN SOLDERING IRON 578-SP23.



STOCK NO.	PRICE EACH	
	1	10
590-6078	1.96	1.85

## X-ACTO X-TRA HANDS WITH MAGNIFIER

HOLDS WORK FIRMLY IN ANY POSITION TO LEAVE HANDS FREE. DOUBLE BALL JOINTS FOR ADJUSTMENT AT ANY ANGLE. CAN ALSO BE USED WITH STOCK NO. 590-7338. SOLDERING TWEezer. • 2X MAGNIFICATION



STOCK NO.	PRICE EACH	
	1	10
590-7517	15.70	14.34

## X-ACTO KNIFE ASSORTMENT & CHEST



- COMPLETE WITH FITTED CHEST

- NO.1,2 AND 5 KNIVES PLUS 10 ASSORTED EXTRA BLADES

STOCK NO.	PRICE EACH	
	1	10
590-5082	10.72	10.05

## X-ACTO TWEezer



- 6 1/2" LONG
- NICKEL PLATED STEEL
- SELF-CLOSING
- BLUNT SERRATED POINTS

STOCK NO.	PRICE EACH	
	1	10
590-7338	2.48	2.33

## X-ACTO ILLUMINATED MAGNIFIER



AN IDEAL INSTRUMENT FOR CRITICAL INSPECTION. ILLUMINATED BY A SMALL BUT POWERFUL LIGHT, IT ELIMINATES SHADOWS AND BRINGS OUT THE DETAIL OF ANY OBJECT. USES AA BATTERIES (NOT INCLUDED).

STOCK NO.	PRICE EACH	
	1	10
590-7372	3.55	3.24

## X-ACTO MINI VACU-VISE



HOLDS TIGHT INSTANTLY ON NONPOROUS SURFACES, GLASS, METAL, FORMICA, ETC. • NO SCREWS, JUST FLIP THE LEVER!

STOCK NO.	PRICE EACH	
	1	10
590-7370	5.99	5.49

## X-ACTO TWEezer MAGNIFIER



- ANGULAR TWEezer WITH MAGNIFIER.
- TWEezer IS 6 1/4" LONG WITH A 1 1/4" DIAMETER MAGNIFIER (2X MAGNIFICATION)

STOCK NO.	PRICE EACH	
	1	10
590-7345	5.99	5.64

## X-ACTO SOLDERING AID KIT



UNIVERSAL DOUBLE CHUCK HANDLE WITH FORK, KNIFE, SCRAPER, CIRCUIT-TRACER PLUS SOLDER AND BRUSH CLEANER. TOOLS ARE CHROME-PLATED STEEL TO PREVENT SOLDER FROM ADHERING.

STOCK NO.	PRICE EACH	
	1	10
590-7348	7.41	6.92

## MOUSER® COAXIAL CRIMPING TOOL



- CONTROLLED CYCLE MECHANISM FOR COMPLETE CRIMP
- COMPACT SIZE
- DUAL APERTURES FOR GREATER CABLE RANGE
- HEAVY GAUGE MATERIAL FOR EXTRA STRENGTH AND DURABILITY
- BUILT-IN RELEASE CATCH
- INSTRUCTIONS

STOCK NO.	PRICE EACH	
	1	10
ME382-0C89		82.79

## AMP CRIMPING TOOL W/BOLT CUTTER

HEAVY DUTY OR SMALL TASK TOOL DESIGNED WITH A CRIMPER, CUTTER AND STRIPPER ALL IN ONE



STOCK NO.	CRIMPING		PRICE EACH
	INSULATED TERMINAL SIZES	NON-INSULATED TERMINAL SIZES	
571-725	22-10	1" 24-14	38.99

## HEYMAN STRAIN RELIEF ASSEMBLY TOOL

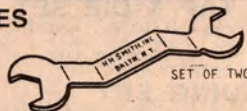
- UL LISTED STRAIN RELIEF ASSEMBLY TOOL
- ADJUSTABLE FOR ALL SIZE STRAIN RELIEF BUSHINGS UP TO 7/8"



STOCK NO.	PRICE EACH	
	1	10
528-0022		34.99



## SHAFT WRENCHES

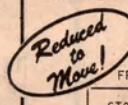


SET OF TWO

SPECIALLY DESIGNED OFFSET, DOUBLE-END WRENCHES FOR MOST HEX SIZES ENCOUNTERED IN ELECTRONIC CONSTRUCTION. MADE OF HEAVY GAUGE, CADMIUM PLATED STEEL, CLEARLY MARKED WITH SIZE. THEY ARE ESPECIALLY USEFUL FOR TOGGLE SWITCH AND VOLUME CONTROL MOUNTING NUTS. INCLUDES NUT SIZES 5/16", 3/8", 1/2", AND 9/16".

STOCK NO.	PRICE EACH	
	1	10
565-997	1.66	1.43

## NACHI DRILL BITS & DRILL SETS



FRACTIONAL AND NUMBER SIZES

STOCK NO.	SIZE	PRICE EACH	
		1	12
550-501A-4219	27/64	2.28	2.08
550-501A-N62	62	.58	.51
550-501A-N60	60	.58	.51
550-501A-N58	58	.58	.51
550-501A-N66	66	.58	.51
550-501A-N64	64	.58	.51
550-501A-N55	55	.58	.51

HIGH SPEED INDUSTRIAL STEEL



STOCK NO.	DESCRIPTION	SIZE	PRICE EACH
550-S-13	1/16" - 1/4" BY 64THS	13	16.99
550-S-29	1/16" - 1/2" BY 64THS	29	77.49
550-S-60	NO'S 1-60	60	66.66



# DIAMOND Tools

## LONG NOSE PLIERS

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EA
513-SN54	1	4"	SIDE CUTTING LONG NOSE, SIMILAR TO 513-LN54 BUT WITH 7/32" CUTTER NEAR JOINT. 1 3/16"	13.46
513-SN55	2	5"	SIDE CUTTING LONG NOSE, SIMILAR TO 513-SN54 BUT 5" LENGTH. 1 25/32 JAWS.	13.44
513-SN56P	3	6"	SIDE CUTTING	11.87
513-L4	4	4"	SUB-MINIATURE LONG NOSE WITH VERY FINE POINT FOR DELICATE WORK. SCORED 13/16" JAWS.	11.06
513-LN56P	5	6"	FINE SCORED	10.44
513-LN54	6	4"	FINELY SCORED 1 3/16" JAWS. REPLACES EXCELITE NO. 41CG.	12.13
513-LN55	7	5"	FINELY SCORED 1 11/16" JAWS.	12.41
513-CN54	8	4"	NOSE BENT APPROXIMATELY 60°. 3/4" JAWS. FOR REACHING INTO CONFINED PLACES.	13.57

## NEEDLE NOSE PLIERS

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EA
513-NN54	9	4.00"	SCORED 1 3/16" JAWS	14.32
513-NN54-1	10	4.00"	SMOOTH 1 3/16" JAWS WITH SLIGHTLY ROUNDED EDGES	14.32
543-20114	11	4.75"	SUPER THIN, SMOOTH JAWS RADIUS EDGED FOR PRECISION BENDING, REACHING, CLAMPING AND FORMING	14.84

## ROUND NOSE PLIERS

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EA
513-RN54	12	4.00"	7/8" JAWS, ROUND AND SMOOTH FOR FORMING LOOPS IN WIRE	12.88

## HANDY PACK PLIER ASSORTMENT

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EA
513-C1	13	----	ASSORTMENT TOOLS INCLUDED ARE EC54, MS54, SN54, LN54, DN54, AND NN54.	91.12

## 4 PIECE PLIER, WRENCH & SIDE CUTTER SET

MS54-4" DIAGONAL PLIER  
 SN54-4" LONG NOSE SIDE CUTTER  
 K14P-4" SLIP JOINT PLIER  
 HL14P-4" GROOVE JOINT PLIER

STOCK NO.	FIG.	PRICE EA
513-KM11	14	40.36

## FLUSH CUTTING PLIERS

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EACH
513-AN54	15	4"	• ANGLE BLADE • RECOMMENDED FOR CUTTING SOFT WIRE (.025) OR PLASTIC MATERIAL • 9/16" JAWS	27.14
513-MS54-5	16	4"	• DIAGONAL BLADE • STRAIGHT SIDES AND 7/16" JAWS • FLUSH-GROUND • REPLACES HUNTER 20199	11.77
513-MS54-7	17	4"	• DIAGONAL BLADE WITH CURVED SIDES AND FLUSH-GROUND • 7/16" JAWS	12.39

## DIAGONAL CUTTING PLIERS

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EACH
513-MS54	18	4"	GENERAL PURPOSE WITH FLUSH-GROUND CUTTING EDGES • 7/16" JAWS	11.04
513-S54P	20	4"	GENERAL PURPOSE DIAGONAL-CUTTER	11.98
513-S55P	20	5"	GENERAL PURPOSE DIAGONAL-CUTTER	11.68
513-S56P	20	6"	GENERAL PURPOSE DIAGONAL-CUTTER	11.94
513-S557P	21	7"	HEAVY-DUTY DIAGONAL-CUTTER	12.80
513-MS54-3	19	4"	FLUSH CUTTER, GROUND DOWN ON BACK SIDE FOR REACHING INTO CONFINED PLACES • 7/16" JAWS • REPLACES HUNTER 20192	12.58

## WIRE STRIPPERS AND CUTTERS

STOCK NO.	FIG.	SIZE	DESCRIPTION	PRICE EACH	
				1	5
575-100	22	5"	SCREW ADJUSTMENT WITHOUT SPRING	2.99	2.69
575-101S	23	5"	SCREW ADJUSTMENT WITH SPRING	3.69	3.32
575-103S	24	5 5/16"	CAM ADJUSTMENT WITH SPRING	4.59	4.36

## SUPER TAP & DIE SET

THE MOST POPULAR TAP AND DIE SETS MADE. PACKED IN A COMPACT, ATTRACTIVE, SELF-HINGED UNBREAKABLE PLASTIC CASE WITH REMOVABLE TRAY. INCLUDES ONE EACH PLUG TAP & 1" DIE FOR 17 MOST USED THREAD SIZES.

STOCK NO.	FIG.	PRICE EACH
575-44332	25	104.29

## THREADING SET

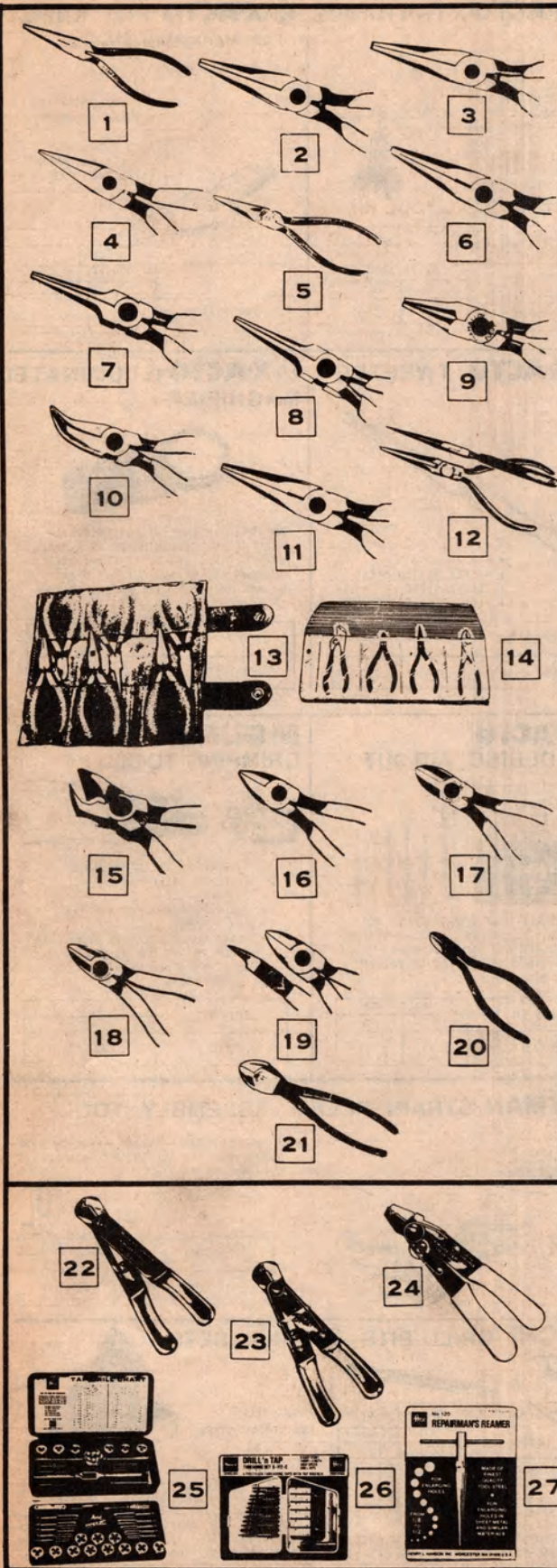
ALL PURPOSE 13 PIECE SET FOR DRILLING AND THREADING SMALL HOLES. COMPACT, UNBREAKABLE HINGED PLASTIC CASE, BLISTER CARDED ATTRACTIVELY. 8 1/2"W x 7" H. CONTAINS 6 WIRE GAUGE 135° SPLIT POINT SCREW MACHINE LENGTH HS DRILLS. NUMBERS: 43, 35, 29, 25, 21, AND 7; 6 PLUG STYLE TAPS; 4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NF, AND 1/4-20 NC PLUS TR-1E, T HANDLE TAP WRENCH.

STOCK NO.	FIG.	PRICE EACH
575-41095	26	16.50

## REAMER

INDISPENSABLE WHERE HOLES ARE TO BE ENLARGED FROM 1/8" TO 1/2" DIAMETER. MADE OF FINEST QUALITY TOOL STEEL FOR USE ON SHEET METAL OR SIMILAR MATERIAL. ATTRACTIVELY BLISTER CARDED 5 3/8"W x 7 1/2"H.

STOCK NO.	FIG.	PRICE EACH
575-44270	27	10.23





# Wire Stripping & Cutting Tools

NEW  
IN '88



1



2

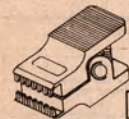
- THE COMPLETE KIT FOR EVERY COAXIAL USER

EACH KIT CONTAINS:

- DUAL CRIMPING TOOL
- SIMPLEX CABLE STRIPPERS
- 10 PLUGS AND CABLE SLEEVES FOR SIZES: RG59, RG62, UR90, URM43, URM90, URM96 OR 0.6/3.7 CABLES
- FULL INSTRUCTIONS



3



4



5



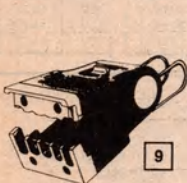
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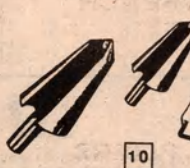
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8



9



10



11



12



13



14



15



16



17



18



19

## COAXIAL CRIMPING TOOL

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH
ME382-DC89	1	•CONTROLLED CYCLE MECHANISM FOR COMPLETE CRIMP•COMPACT SIZE•DUAL APERTURES FOR GREATER CABLE RANGE•HEAVY GAUGE MATERIAL FOR EXTRA STRENGTH AND DURABILITY•BUILT-IN RELEASE CATCH•INSTRUCTIONS	82.79

## SIMPLEX COAXIAL CABLE STRIPPER

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH
ME382-CS1/3C8R	2	•STRIPS MOST COAXIAL CABLE FROM 3.6mm TO 7.6mm•COMPACT-ONLY 3.5" LONG•3 BLADED PRESET CASSETTE•UP TO 5000 STRIPS PER CASSETTE•CUTS PRECISE THROUGH SHEATH, BRAID & DIELECTRIC SIMULTANEOUSLY OR SEPARATELY.	44.99

## STRIP'N CRIMP COAXIAL TOOL KIT

STOCK NO.	FIG.	CASE SIZE	DESCRIPTION	PRICE EACH
ME382-SNC5859	3	9.1"x8.375"x3.0"	•HIGH RELIABILITY•EASY HANDLING•NO SOLDERING SKILL REQUIREMENTS•FASTER ASSEMBLY•LOW COST•REDUCED LABOR COSTS	212.75

## I C EXTRACTOR TOOL

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	100	500
381C565	4	•FOR USE UP TO 16 PIN•SPRING ACTION CLIP•SPECIALLY DESIGNED TEETH TO HOLD I.C. DURING AND AFTER EXTRACTION	3.41	2.62	2.38	CALL FOR QUOTE

## NYLON TWEEZERS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	10	50	100
38TW715	5	•LIGHT WEIGHT GLASS FILLED YELLOW NYLON•NON-MAGNETIC/ELECTRICALLY SAFE•RESISTANT TO ACIDS, PHOTOCHEMICALS & SOLDER HEAT (UP TO 250°C)	.97	.75	.69	CALL FOR QUOTE

## SCREWDRIVER SET

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH		
			1	10	50
38TS100	6	THE FINEST QUALITY, PERFECT FOR HOBBYISTS, JEWELERS, ELECTRONIC WORK, CLEAR-VIEW HARD PLASTIC CASE IS 132mm x 80mm x 20mm.	10.34	8.67	7.88

## BLACK ELECTRICAL TAPE

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH
40TA100	7	•BLACK ELECTRICAL TAPE •66 FEET BY 3/4" WIDE	.89 .79

## I C REMOVAL TOOL

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH
524-9227	8	EASILY REMOVES OR REPLACES 8, 10, 14, 16, 18, & 24 PIN DIP I.C.'S	2.48

## COAXIAL CABLE STRIPPER

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			STOCK NO.	FIG.	DESCRIPTION	PRICE EACH		
			1	5	10				1	10	500
524-12-164	9	•3 STEP OPERATION•STRIPS CABLE SIZES RG-59/u & RG-58/u. TOOL LOCKING DEVICE REGULATES FORCE APPLIED. •DISASSEMBLES FOR BLADE REPLACEMENT.	9.99	8.99	CALL FOR QUOTE	524-12-165	1	45	1.28	1.23	CALL FOR QUOTE

## CONQUEST BURR-FREE HOLE BIT

CONTAINS: NO. 1 DRILL FOR HOLES 1/4" - 13/16", NO. 2 DRILL FOR HOLES 5/8" - 1 3/16", JAR OF CUTTING COMPOUND.

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH
524-3420	10	•DRILL A BURR-FREE HOLE IN SECONDS. •DRILL .007" SHIM STEEL WITHOUT CLAMPS. •DRILL PERSPEX OR FORMICA WITHOUT SPLITTING.	53.46 39.96

## DELUXE NIBBLING TOOL

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	6	12	24
524-806	11	CUT ANY SHAPE OR SIZE CONTOUR STARTING FROM 3/8" INSIDE HOLE •SPRING OPERATED•CUTS COPPER, BRASS, ALUMINUM & PLASTICS TO 1/16" (0.62)	8.95	8.38	8.10	CALL FOR QUOTE

## STANDARD WIRE CUTTERS

STOCK NO.	FIG.	FOR SIZES	DESCRIPTION	PRICE EACH
524-733	12	12" TO 20" WIRE	BLADES ARE HARDENED AND PRECISION GROUND TO RAZOR SHARP EDGES AND ARE INTERCHANGEABLE	12.95
524-733-A	12	14" TO 30" WIRE		12.95

## CLIP & GRIP FLUSH CUTTER

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	6	12	24
524-12-504	13	•RETAINING DEVICE HOLDS CLIPPED ENDS FOR COPPER WIRE UP TO .047" DIA (18 GAUGE) •FORGED ALLOY STEEL •COMPACT SIZE (4-1/2" OVERALL)	6.95	8.39	8.10	7.83

## PALM GRIP FLUSH CUTTER

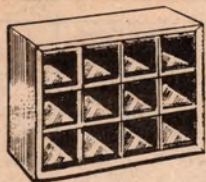
STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	6	12	24
524-22-200	14	FLUSH CUTTER	8.95	8.39	8.10	7.83

## PALM GRIP PLIERS

STOCK NO.	FIG.	DESCRIPTION	PRICE EACH			
			1	6	12	24
524-12-204	15	(COLOR CODED HANDLES) FLAT NOSE SERRATED	8.95	8.39	8.10	7.83
524-12-208	16	FLAT NOSE NON SERRATED	8.95	8.39	8.10	7.83
524-12-212	17	ROUND NOSE	8.95	8.39	8.10	7.83
524-12-216	18	NEEDLE NOSE	8.95	8.39	8.10	7.83
524-12-220	19	CURVED NOSE	8.95	8.39	8.10	7.83



# MOUSER® Prototype Kits



## DELUXE KITS

### WIREWOUND POWER RESISTOR



#### 3 WATT 10%

CONTAINS 5 EACH OF THE 12 MOST POPULAR VALUES. TOTAL 60 PIECES.

#### 5 WATT 10%

CONTAINS 5 EACH OF THE 24 MOST POPULAR VALUES. TOTAL 120 PIECES.

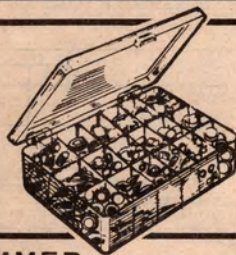
#### 10 WATT 10%

CONTAINS 5 EACH OF THE 24 MOST POPULAR VALUES. TOTAL 120 PIECES.

STOCK NO.	PRICE EACH
37-28PR3-2	19.95

STOCK NO.	PRICE EACH
37-28PR5-2	34.95

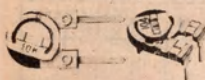
STOCK NO.	PRICE EACH
37-28PR10-2	39.95



## STANDARD KITS

### TRIMMER

CONTAINS 10 EACH OF THE MOST POPULAR TRIMMERS. PACKAGED IN AN 8-1/4" x 1/2" TRANSPARENT BOX.



STOCK NO.	CONTENTS OF KIT	TOTAL	PRICE
37-32HA-2	10 EACH OF 8 VALUES	80	19.95
37-32QV-1	10 EACH OF 10 VALUES	100	28.95

### TANTALUM CAPACITORS

5 EACH OF 6 POPULAR VALUES FROM THE SERIES INDICATED IN PRICE TABLE.

STOCK NO.	WV	QTY	PRICE EACH
37-551-10	10	30	9.95
37-551-16	16	30	9.95
37-551-25	25	30	9.95
37-551-35	35	30	9.95

### POLYSTYRENE FILM CAPACITORS

#### 5% 50 VOLT

5 EACH OF THE 10 MOST POPULAR ITEMS FROM THE 23PS110 TO 23PS310 RANGE. TOTAL OF 50 PIECES IN TRANSPARENT DIVIDER BOX.

STOCK NO.	PRICE EACH
37-23PS-1	4.95

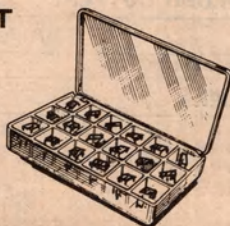
5 EACH OF THE 5 MOST POPULAR 23PW SERIES CAPACITORS. TOTAL OF 25 PIECES IN TRANSPARENT DIVIDER BOX.

STOCK NO.	PRICE EACH
37-23PW-1	3.95

### AUDIO TRANSFORMER KIT

18 DIFFERENT TRANSFORMERS, ONE EACH OF THE MOST POPULAR FROM THE 42TM, .200W AUDIO SERIES.

STOCK NO.	PRICE EACH
37-42TM-1	9.95



### CARBON FILM RESISTOR KITS



EACH KIT CONTAINS 10 EACH OF MOST POPULAR ITEMS OF OHMS RANGE SHOWN. COMES IN A STURDY PLASTIC CABINET.

STOCK NO.	OHMS RANGE	TOTAL PIECES	PRICE EACH
37-29SJ250-1	10-1M	600	26.95
37-29SJ500-1	10-1M	600	39.95
37-29SJ901-1	2.2-100K	270	25.95

### CARBON COMPOSITION RESISTOR KITS



EACH KIT CONTAINS 10 EACH OF MOST POPULAR ITEMS OF OHMS RANGE SHOWN. COMES IN A STURDY PLASTIC CABINET.

STOCK NO.	OHMS RANGE	TOTAL PIECES	PRICE EACH
37-30BJ250-1	10-1M	600	32.95
37-30BJ500-1	10-1M	600	35.95

### POLYSTYRENE FILM CAPACITORS



10 EACH OF THE 16 MOST POPULAR ITEMS FROM THE 23PS110 TO 23PS310 RANGE. TOTAL OF 160 PIECES IN A STURDY REUSABLE CABINET.

STOCK NO.	PRICE EACH
37-23PS-2	15.95

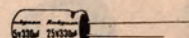
### POLYESTER FILM CAPACITORS



CONTAINS 10 EACH OF 16 10%, 100V MYLARS. TOTAL 160 PIECES.

STOCK NO.	PRICE EACH
37-23BK-2	21.95

### ELECTROLYTIC CAPACITOR KITS



EACH KIT CONTAINS 5 EACH OF THE 10 MOST POPULAR CAPACITORS FOR THE VOLT RANGE INDICATED. PACKAGED IN A TRANSPARENT PLASTIC BOX. TOTAL 50 PIECES.

#### AXIAL LEADS

STOCK NO.	VOLTAGE	PRICE EACH
37-20NH-1	16V	14.95
37-20NK-1	25V	14.95
37-20NR-1	50V	14.95

#### RADIAL LEADS

STOCK NO.	VOLTAGE	PRICE EACH
37-20YH-1	16V	14.95
37-20YK-1	25V	14.95
37-20YR-1	50V	14.95



EACH KIT CONTAINS 5 EACH OF THE 6 MOST POPULAR CAPACITORS FOR THE VOLT RANGE INDICATED. PACKAGED IN A TRANSPARENT PLASTIC BOX. TOTAL OF 30 PIECES.

#### AXIAL LEADS

STOCK NO.	VOLTAGE	PRICE EACH
37-20PK-1	25	7.95
37-20PR-1	50	8.95

#### RADIAL LEADS

STOCK NO.	VOLTAGE	PRICE EACH
37-20XH-1	16	6.95
37-20XR-1	50	7.95

### KNOBS



ONE EACH OF 12 DIFFERENT MOUSER KNOBS FOR 1/4" SHAFTS. INCLUDED ARE POINTERS, CONTROL AND INSTRUMENT KNOBS. TOTAL OF 12 PIECES.

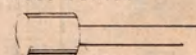
STOCK NO.	PRICE EACH
37-45KN-1	6.95

### R.F. CHOKES

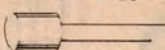
THESE KITS ARE IDEAL FOR THE R.F. ENGINEER OR LAB. THEY FEATURE A REUSABLE CLEAR PLASTIC STORAGE BOX, AND AN ASSORTMENT OF OUR MOST POPULAR R.F. CHOKES OF THE TYPE SHOWN.

STOCK NO.	CONTENTS	TOTAL	PRICE EACH
37-43LR-1	2 EA. OF 18 43LR	36 PCS.	8.95
37-43LS-1	2 EA. OF 10 43LS	20 PCS.	5.95
37-43LH-1	1 EA. OF 15 43LH	15 PCS.	6.95
37-43LJ-1	1 EA. OF 12 43LJ	12 PCS.	6.95

#### 43LJ SERIES

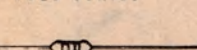


#### 43LH SERIES



STOCK NO.	CONTENTS	TOTAL	PRICE EACH
37-43LR-2	4 EA. OF 18 43LR	72 PCS.	18.95
37-43LQ-2	4 EA. OF 18 43LQ	72 PCS.	15.95
37-43LS-2	4 EA. OF 10 43LS	40 PCS.	11.95
37-43LH-2	5 EA. OF 15 43LH	75 PCS.	19.95

#### 43LS SERIES



#### 43LR SERIES



#### 43LQ SERIES





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WEST	23-25	CALIF.
SOUTHCON	MAR	ORLANDO,
	8-10	FLORIDA
HANOVER	APRIL	HANOVER,
FAIR	20-27	GERMANY
CANADIAN	MAY	OTTAWA,
HI-TECH.	3-4	CANADA
ELECTRO	MAY	BOSTON,
	10-12	MASS.
NEPCON	JUNE	BOSTON,
EAST	14-16	MASS.
INDYCON	JUNE	INDIANAPOLIS
	14-15	INDIANA
MIDCON	AUG 30-	DALLAS,
	SEPT 1	TEXAS
CANADIAN	SEPT	TORONTO,
HI-TECH.	27-29	CANADA
NORTHCON	OCT	SEATTLE,
	5-7	WASH.
WESCON	NOV	ANAHEIM,
	15-17	CALIF.

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